

lauren.brumfield@la.gov<mailto:lauren.brumfield@la.gov>

Cell (225) 281-6405

Desk (225) 379-4055

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From: Young, Joe F (CTR) [Joe.Young@associates.fema.dhs.gov]

Sent: Friday, May 25, 2012 12:57 PM

To: L

## **Bowen, Odessa (CTR)**

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**From:** Patti\_Holland@fws.gov  
**Sent:** Thursday, May 03, 2012 14:24  
**To:** Bowen, Odessa (CTR)  
**Subject:** RE: Greater Lafourche Port Commission Fourchon Beach Shoreline Protection  
**Attachments:** pic28323.gif

Thanks for the feedback Odessa. Looks like your good to go with the Fish and Wildlife Service

Thanks for the continued coordination.

Patti

Patti Holland  
337-291-3121  
U.S. Fish and Wildlife Service  
646 Cajundome Blvd., Ste. 400  
Lafayette, La 70506

☞ "Bowen, Odessa (CTR)" <Odessa.Bowen@associates.fema.dhs.gov>

"Bowen, Odessa (CTR)"  
<Odessa.Bowen@associates.fema.dhs.gov>

05/03/2012 02:06 PM

To "Patti\_Holland@fws.gov"  
<Patti\_Holland@fws.gov>

cc "Spann, Tiffany"  
<Tiffany.Spann@fema.dhs.gov>

Subject RE: Greater Lafourche Port Commission  
Fourchon Beach Shoreline Protection

Patti,

Thank you for your help on the CBRA determination. Attached please find the SOV response we received from Deborah Fuller on November 28, 2011 regarding ESA Section 7. Also attached is a USFWS response to the applicant dated August 25, 2009 in which FWS concurs with the applicant's determination that the proposed project is not likely to adversely affect the piping plover or its designated critical habitat.

The EA will note that the proposed work should not take place within 650 feet of nesting shorebirds during the nesting season (April 1 to September 15) in areas that are likely to support nesting shorebirds.

Please let me know if you require further information.

Best regards,

Odessa Bowen (CTR)  
NISTAC, Contractor  
Federal Emergency Management Agency

1 Seine Court  
New Orleans, LA 70114  
(305) 505-8465 (cell)  
(504) 762-2323 (fax)  
[Odessa.Bowen@associates.dhs.gov](mailto:Odessa.Bowen@associates.dhs.gov)

**From:** Patti\_Holland@fws.gov [mailto:[Patti\\_Holland@fws.gov](mailto:Patti_Holland@fws.gov)]  
**Sent:** Thursday, May 03, 2012 1:29 PM  
**To:** Bowen, Odessa (CTR)  
**Subject:** Re: Greater Lafourche Port Commission Fourchon Beach Shoreline Protection

Odessa,

Yes, the CBRA response still stands. I would like to know, however, if the Endangered Species Act Section 7 consultation for the Federally listed piping plover was completed with our office. Also, FEMA should be aware that there is a likelihood that the area supports nesting shorebirds and that work should not take place within 650 feet of nesting shorebirds during the nesting season (April 1 to September 15).

Patti

Patti Holland  
337-291-3121  
U.S. Fish and Wildlife Service  
646 Cajundome Blvd., Ste. 400  
Lafayette, La 70506

"Bowen, Odessa (CTR)" <[Odessa.Bowen@associates.fema.dhs.gov](mailto:Odessa.Bowen@associates.fema.dhs.gov)>

"Bowen, Odessa (CTR)"  
<[Odessa.Bowen@associates.fema.dhs.gov](mailto:Odessa.Bowen@associates.fema.dhs.gov)>

04/27/2012 09:52 AM

To  
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Gre  
Cor  
Sho

Dear Ms. Holland:

FEMA is considering providing Public Assistance program funding for an improved project in which

the Applicant intends to construct and install a Geotube System that will consist of placing pre-fabricated geo-synthetic tubes filled with sand that will be located directly behind and on the same alignment as the existing damaged "boudin bags", along the 5,500 linear feet of damaged beach. The tubes will then be filled with a sand/water mixture to a specific elevation. The tubes will be allowed to "de-water", after which an additional amount of sand will be pumped into the tube to achieve the desired final elevation. The sand backfilling behind the completed Geotube will restore the beach to its pre-storm condition as well as compensate for any damage caused by the placement of the Geotube System. The sand for this portion of the project, as well as for the filling of the Geotubes, will be hauled in by the contractor that is awarded the project. No dredging will be required to obtain the fill material for this project. Access road is LA Highway 3090 in Fourchon. The Staging Area for the project will be a 100 foot by 300 foot aggregate area at the end of LA Highway 3090. This area is a public right-of-way. This project is tied to Hurricane Katrina FEMA-1603-DR-LA by PW 1603-7475 and Hurricane Ike FEMA-1792-DR-LA by PW 1792-1147.

FEMA had previously requested consultation with your office regarding verification of a location within the Coastal Barrier Resources System (CBRS) and for consistency with the federal Coastal Barrier Resources Act (CBRA). We received a response on November 9, 2009 which stated that coastal beach restoration activities are considered to be consistent with the CBRA. We are now requesting verification on whether this determination still stands, or whether a new review process is required. Attached please find the Scoping Notification/Solicitation of Views sent out to Federal agencies, preliminary project sketches with the location of the proposed work, CBRA request for Hurricane Ike FEMA-1792-DR-LA sent on November 3, 2009 and FWS subsequent reply on November 9, 2009.

Your expedited review of this project will help facilitate FEMA's recovery mission and will be greatly appreciated.

Best regards,

Odessa Bowen (CTR)  
NISTAC, Contractor  
Federal Emergency Management Agency  
1 Seine Court  
New Orleans, LA 70114  
(305) 505-8465 (cell)  
(504) 762-2323 (fax)  
[Odessa.Bowen@associates.dhs.gov](mailto:Odessa.Bowen@associates.dhs.gov)

*(See attached file: Fourchon Beach Shoreline Scoping Notice\_logo.pdf)(See attached file: Preliminary project sketches 2.pdf)(See attached file: Preliminary project sketches 3.pdf)(See attached file: FWS CBRA Consult PA-06-LA-1792-PW-01147.pdf)(See attached file: FWS CBRA Consult PA-06-LA-1792-PW-01147.pdf)*



BOBBY JINDAL  
GOVERNOR

**State of Louisiana**  
DEPARTMENT OF WILDLIFE AND FISHERIES  
OFFICE OF WILDLIFE

ROBERT J. BARHAM  
SECRETARY  
JIMMY L. ANTHONY  
ASSISTANT SECRETARY

**Date** November 22, 2011

**Name** Odessa Bowen

**Company** FEMA

**Street Address** 1 Seine Court

**City, State, Zip** New Orleans, La 70114

**Project** Greater Lafourche Port Commission  
Fourchon Beach Shoreline Protection

**Project ID** 6422011

**Invoice Number** 11112203

Personnel of the Habitat Section of the Coastal & Non-Game Resources Division have reviewed the preliminary data for the captioned project. After careful review of our database, no impacts to rare, threatened, or endangered species or critical habitats are anticipated for the proposed project. No state or federal parks, wildlife refuges, scenic streams, or wildlife management areas are known at the specified site within Louisiana's boundaries.

The Louisiana Natural Heritage Program (LNHP) has compiled data on rare, endangered, or otherwise significant plant and animal species, plant communities, and other natural features throughout the state of Louisiana. Heritage reports summarize the existing information known at the time of the request regarding the location in question. The quantity and quality of data collected by the LNHP are dependent on the research and observations of many individuals. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Louisiana have not been surveyed. This report does not address the occurrence of wetlands at the site in question. Heritage reports should not be considered final statements on the biological elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments. LNHP requires that this office be acknowledged in all reports as the source of all data provided here. If at any time Heritage tracked species are encountered within the project area, please contact the LNHP Data Manager at 225-765-2643. If you have any questions, or need additional information, please call 225-765-2357.

Sincerely,

*Amity Bass*  
Amity Bass, Coordinator  
Natural Heritage Program



BOBBY JINDAL  
GOVERNOR

**State of Louisiana**  
DEPARTMENT OF WILDLIFE AND FISHERIES  
OFFICE OF WILDLIFE

ROBERT J. BARHAM  
SECRETARY  
JIMMY L. ANTHONY  
ASSISTANT SECRETARY

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## INVOICE

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***RETAIN THIS COPY FOR YOUR RECORDS***

<b><i>Date</i></b>	November 22, 2011
<b><i>Invoice Number</i></b>	11112203
<b><i>Project</i></b>	Greater Lafourche Port Commission Fourchon Beach Shoreline Protection
<b><i>Name</i></b>	Odessa Bowen
<b><i>Company</i></b>	FEMA
<b><i>Street Address</i></b>	1 Seine Court
<b><i>City, State, Zip</i></b>	New Orleans, La 70114
<b><i>Number of Quads Reviewed</i></b>	1
<b><i>Total Due</i></b>	\$0.00

Payment should be made to "Louisiana Department of Wildlife & Fisheries" within 30 days of the date of this invoice. Please include the invoice number on your check and return a copy of this invoice with your remittance to the following address:

Louisiana Department of Wildlife & Fisheries  
Attn: Jennifer Riddle  
P.O. Box 80399  
Baton Rouge, LA 70898-0399

Should you have any questions regarding this invoice, for review of the Louisiana Natural Heritage database for information on known sensitive elements at a charge of \$20.00 per quad reviewed, please contact LNHP at (225) 765-2357.



BOBBY JINDAL  
GOVERNOR

State of Louisiana  
DEPARTMENT OF WILDLIFE & FISHERIES

ROBERT J. BARHAM  
SECRETARY

November 28, 2011

Karl Morgan, Administrator  
Louisiana Department of Natural Resources  
Office of Coastal Management  
P.O. Box 44487  
Baton Rouge, LA 70804-4487

RE: *Application Number: P20111525*  
*Applicant: U. S. Department of Homeland Security - FEMA*  
*Notice Date: November 18, 2011*

Dear Mr. Morgan:

The professional staff of the Louisiana Department of Wildlife and Fisheries (LDWF) has reviewed the notice referenced above. The following recommendations have been provided by the appropriate biologist(s):

**Ecological Studies:**

It is anticipated that the proposed project will benefit wildlife resources; therefore, Ecological Studies has no objection.

**Louisiana Natural Heritage Program:**

The piping plover (*Charadrius melodus*) may occur within one mile of the project area. This species is federally listed as threatened with its critical habitat designated along the Louisiana coast. Piping plovers winter in Louisiana feeding at intertidal beaches, mudflats, and sand flats with sparse emergent vegetation. Primary threats to this species are destruction and degradation of winter habitat, habitat alteration through shoreline erosion, woody species encroachment of lake shorelines and riverbanks, and human disturbance of foraging birds. For more information on piping plover critical habitat, visit the U.S. Fish and Wildlife website: <http://endangered.fws.gov>.

Our database indicates the presence of bird nesting colonies within one mile of this proposed project. **Please be aware that entry into or disturbance of active breeding colonies is prohibited by the Louisiana Department of Wildlife and Fisheries (LDWF). In addition, LDWF prohibits work within a certain radius of an active nesting colony.**

Nesting colonies can move from year to year and no current information is available on the status of these colonies. If work for the proposed project will commence during the nesting season, conduct a field visit to the worksite to look for evidence of nesting colonies. This field visit should take place no more than two weeks before the project begins. If no nesting colonies are found within 400 meters (700 meters for brown pelicans) of the proposed project, no further consultation with LDWF will be necessary. If active nesting colonies are found within the previously stated distances of the proposed project, further consultation with LDWF will be required. In addition, colonies should be surveyed by a qualified



November 28, 2011

biologist to document species present and the extent of colonies. Provide LDWF with a survey report which is to include the following information:

1. qualifications of survey personnel;
2. survey methodology including dates, site characteristics, and size of survey area;
3. species of birds present, activity, estimates of number of nests present, and general vegetation type including digital photographs representing the site; and
4. topographic maps and ArcView shapefiles projected in UTM NAD83 Zone 15 to illustrate the location and extent of the colony.

Please mail survey reports on CD to: Louisiana Natural Heritage Program  
La. Dept. of Wildlife & Fisheries  
P.O. Box 98000  
Baton Rouge, LA 70898-9000

To minimize disturbance to colonial nesting birds, the following restrictions on activity should be observed:

- For colonies containing nesting wading birds (i.e., herons, egrets, night-herons, ibis, roseate spoonbills, anhingas, and/or cormorants), all project activity occurring within 300 meters of an active nesting colony should be restricted to the non-nesting period (i.e., September 1 through February 15).
- For colonies containing nesting gulls, terns, and/or black skimmers, all project activity occurring within 400 meters (700 meters for brown pelicans) of an active nesting colony should be restricted to the non-nesting period (i.e., September 16 through April 1).

No other impacts to rare, threatened or endangered species or critical habitats are anticipated from the proposed project. No state or federal parks, wildlife refuges, wildlife management areas or scenic rivers are known at the specified site or within ¼ mile of the proposed project.

The Louisiana Natural Heritage Program (LNHP) reports summarize the existing information known at the time of the request regarding the location in question. LNHP reports should not be considered final statements on the biological elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments. If at any time LNHP tracked species are encountered within the project area, please contact our biologist at 225-765-2643.

The Louisiana Department of Wildlife and Fisheries appreciates the opportunity to review and provide recommendations to you regarding this proposed activity. Please do not hesitate to contact LDWF Permits Coordinator Dave Butler at 225-763-3595 should you need further assistance.

Sincerely,



Kyle F. Balkum  
Biologist Program Manager

cd/cm/im





**DEPARTMENT OF THE ARMY**  
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS  
P. O. BOX 60267  
NEW ORLEANS, LOUISIANA 701600267

JAN 04 2012

REPLY TO  
ATTENTION OF

Operations Division  
Operations Manager,  
Completed Works

Ms. Odessa Bowen  
U.S. Department of Homeland Security – FEMA  
1 Seine Court  
New Orleans, Louisiana 70114

Dear Ms. Bowen:

This is in response to your Solicitation of Views request dated November 17, 2011, concerning the Fourchon Beach Shoreline Protection Project in Lafourche Parish, Louisiana.

We have reviewed your request for potential Department of the Army regulatory requirements and impacts on any Department of the Army projects.

We do not anticipate any adverse impacts to any Corps of Engineers projects.

We have reviewed your project as proposed and determined that a Department of the Army permit under Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act will be required.

Please be advised that this property is in the Louisiana Coastal Zone. For additional information regarding coastal use permit requirements, contact Ms. Christine Charrier, Coastal Management Division, Louisiana Department of Natural Resources at (225) 342 7953.

You are advised that this approved jurisdictional determination is valid for a period of 5 years from the date of this letter unless new information warrants revision prior to the expiration date or the District Commander has identified, after public notice and comment, that specific geographic areas with rapidly changing environmental conditions merit re-verification on a more frequent basis.

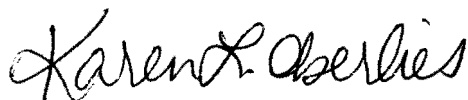
Off-site locations of activities such as borrow, disposals, haul-and detour-roads and work mobilization site developments may be subject to Department of the Army regulatory requirements and may have an impact on a Department of the Army project.

You should apply for said permit well in advance of the work to be performed. The application should include sufficiently detailed maps, drawings, photographs, and descriptive text for accurate evaluation of the proposal.

Please contact Mr. Robert Heffner, of our Regulatory Branch by telephone at (504) 862-1288, or by e-mail at [Robert.A.Heffner@usace.army.mil](mailto:Robert.A.Heffner@usace.army.mil) for questions concerning wetlands determinations or need for on-site evaluations. Questions concerning regulatory permit requirements may be addressed to Mr. Ronnie Duke by telephone at (504) 862-2261 or by e-mail at [Ronnie.W.Duke@usace.army.mil](mailto:Ronnie.W.Duke@usace.army.mil).

Future correspondence concerning this matter should reference our account number MVN-2011-03054-SB. This will allow us to more easily locate records of previous correspondence, and thus provide a quicker response.

Sincerely,

A handwritten signature in black ink, reading "Karen L. Oberlies". The signature is written in a cursive, flowing style.

Karen L. Oberlies  
Solicitation of Views Manager

Copy Furnished:

Ms. Christine Charrier  
Coastal Zone Management  
Department of Natural Resources  
Post Office Box 44487  
Baton Rouge, Louisiana 70804-4487



DEPARTMENT OF THE ARMY

NEW ORLEANS DISTRICT, CORPS OF ENGINEERS

P.O. BOX 60267

NEW ORLEANS, LOUISIANA 70160-0267

REPLY TO  
ATTENTION OF:

Operations Division  
Western Evaluation Section

MAY 05 2011

BASEFILE: MVN 2009-1247 WB

Greater Lafourche Port Commission  
C/O Picciola and Associates  
Post Office Box 687  
Cut Off, Louisiana 70345

Gentlemen:

The proposed work, to install beach restoration facilities at Fourchon Beach located in Lafourche Parish, Louisiana, is authorized under **Category I** of the **Programmatic General Permit** provided that all conditions of the permit are met.

This authorization has a blanket water quality certification from the Louisiana Department of Environmental Quality (DEQ), Office of Environmental Services. As such, no additional authorization from DEQ is required.

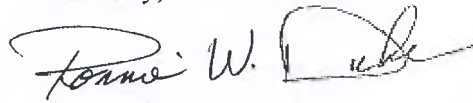
However, prior to commencing work on your project, you must obtain approvals from state and local agencies as required by law and by terms of this permit. These approvals include, but are not limited to, a permit or waiver from the Coastal Management Division of the Louisiana Department of Natural Resources.

If the work is initiated within two (2) years of the date of this letter, the authorization remains valid for a total of five (5) years from the date of this letter. If the work is not initiated within two (2) years, this authorization becomes null and void.

The New Orleans District Regulatory Branch is committed to providing quality and timely service to our customers. In an effort to improve customer service, please take a moment to complete and return the attached Customer Service Survey or go to the survey found on our web site at <http://per2.nwp.usace.army.mil/survey.html>.

Should you have any further questions concerning this matter, please contact Darlene Herman of this office at (504) 862-2287.

Sincerely,

  
Pete J. Serio  
Chief, Regulatory Branch

Attachments

Ashworth  
2548

42



DEPARTMENT OF THE ARMY  
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS  
P.O. BOX 60267  
NEW ORLEANS, LOUISIANA 70160-0267

REPLY TO  
ATTENTION OF  
Operations Division  
Western Evaluation Section

MAY 19 2009

*arm ✓*

SUBJECT: MVN-2009-01247 WW

Greater Lafourche Port Commission  
P.O. Drawer 490  
Galliano, Louisiana 70354

Gentlemen:

This is in regard to your permit application received May 13, 2009, requesting approval to place geo-textile tubes and deposit fill to rehabilitate 5,500 linear feet of beach at Port Fourchon, in Lafourche Parish, Louisiana.

This office has determined that your project, as shown on the attached drawings, is authorized under **Category I** of the **Programmatic General Permit** provided that all conditions of the permit are met.

This authorization has a blanket water quality certification from the Louisiana Department of Environmental Quality (DEQ), Office of Water Resources. As such, no additional authorization from DEQ is required.

Prior to commencing work on your project, you must obtain approvals from state and local agencies as required by law and by terms of this permit. These approvals include, but are not limited to, a permit or waiver from the Coastal Management Division of the Louisiana Department of Natural Resources.

The New Orleans District Regulatory Branch is committed to providing quality and timely service to our customers. In an effort to improve customer service, please take a moment to complete the attached Customer Service Survey and return it in the envelope provided or go to the survey found on our web site at <http://per2.nwp.usace.army.mil/survey.html>.

If the work is initiated within two (2) years of the date of this letter, the authorization remains valid for a total of five (5) years from the date of this letter. If the work is not initiated within two (2) years, this authorization becomes null and void. Should you have any further questions concerning this matter, please contact Kenneth A. Ashworth of this office at (504) 862-2548.

Sincerely,

Pete J. Serio  
Chief, Regulatory Branch

*BP for* Duke  
OD-SW

*BP for* Serio  
OD-S



Louisiana Department of Natural  
Resources  
Office of Coastal Management  
(OCM)

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps Of Engineers  
(COE)  
New Orleans District

Print Application

MUN-2009-01247-WB

Permit Number: P20090468

Date Received: 03/04/2011

### Step 1 of 15 - Applicant Information

**Applicant/Company  
Name:**

Greater Lafourche Port Commission *Applicant Type:* GOVERNMENT AGENCY

**Mailing Address:**

P.O. Drawer 490  
Galliano, LA 70354

**Contact Information:**

Chett Chiasson

**Daytime:**

985 632 1101 *Fax:* 985 632 6703*Contact Email:* permits@portfourchon.com

### Step 2 of 15 - Agent Information

**Company  
Name:**

PICCIOLA AND ASSOCIATES

**Mailing Address:**

P.O. Box 687  
Cut Off, LA 70345

**Contact Information:** Archie P. Chaisson, III

**Daytime:**

985 632 5786 *Fax:* 985 632 2407*Contact Email:* archie@picciola.com

### Step 3 of 15 - Permit Type

☒ Coastal Use Permit (CUP)☐ Solicitation of Views (SOV)☐ Request for Determination  
(RFD)

### Step 4 of 15 - Pre-Application Activity

a. Have you participated in a Pre-Application or Geological Review Meeting for the proposed project?

☒ No☐ Yes

Date meeting was held:



Attendees:

(Individual or Company Rep)

(OCM Representative)

(COE Representative)

b. Have you obtained an official wetland determination from the COE for the project site?

☒ No☐ Yes

JD Number:

c. Is this application a mitigation plan for another CUP?

☒ No☐ Yes

OCM Permit Number:

---

## Step 5 of 15 - Project Information

a. Describe the project:

This project aims to provide shoreline protect to Fourchon Beach as well as Port Fourchon

b. Is this application a change to an existing permit?

☐ No☒ Yes

OCM Permit Number:

Describe the changes to the project:

04-MAR-11 JPN scanned extension request & fee payment (mwv). 05-JUN-09 JPN scanned response letter and revised plats (mwv). 02-JUN-09 JPN changing applicant email address per agent request email (jar). 21-MAY-09 JPN scanned response letter and revised plats (mwv). 13-MAY-09 JPN uploading agent request email (jar). 04-MAY-09 Revisions Per Application Checklist

c. Have you previously applied for a permit or emergency authorization for all or any part of the proposed project?

☐ No☒ Yes

	Agency Name	Permit Number	Decision Status	Decision Date
OCM	EUA 09-022		Approved	04/21/2009
COE				
Other				

---

## Step 6 of 15 - Project Location

a. Physical Location

Street: End of LA Hwy 3090

City: Golden Meadow Parish: LAFOURCHE Zip: 70357

Water Body:

b. Latitude and Longitude **29.10114 -90.19057**

Latitude: 29 06 04.09 Longitude: -90 11 26.04

c. Section, Township, and Range

Section #: 24,25 Township #: 22S Range #: 22E

Section #: 26 Township #: 22S Range #: 22E

d. Lot, Tract, Parcel, or Subdivision Name

Lot #: Parcel #:

Tract #: Subdivision Name:

e. Site Direction:

Take Highway 90 West from New Orleans exiting onto LA Highway One in Raceland. Take LA Highway One south to LA Highway 3090 (Fourchon Road). Project is a end on LA Highway 3090.

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## Step 7 of 15 - Adjacent Landowners

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## Step 8 of 15 - Project Specifics

a. Project Name and/or Title: Phase I-Emergency Beach Rehabilitation

b. Project Type: Non-Residential

c. Source of Funding:

d. What will be done for the proposed project?

- |                                                |                                             |                                                      |                                                  |
|------------------------------------------------|---------------------------------------------|------------------------------------------------------|--------------------------------------------------|
| <input type="checkbox"/> Bridge/Road           | <input type="checkbox"/> Home Site/Driveway | <input type="checkbox"/> Pipeline/Flow Line          | <input type="checkbox"/> Rip Rap/Erosion Control |
| <input type="checkbox"/> Bulkhead/Backfill     | <input type="checkbox"/> Levee Construction | <input type="checkbox"/> Plug/Abandon                | <input type="checkbox"/> Site Clearance          |
| <input type="checkbox"/> Drainage Improvements | <input type="checkbox"/> Dredging           | <input type="checkbox"/> Production Barge/Structure  | <input type="checkbox"/> Subdivision             |
| <input type="checkbox"/> Drill Barge/Structure | <input type="checkbox"/> Prop Washing       | <input type="checkbox"/> Vegetative Plantings        | <input type="checkbox"/> Wharf/Pier/Boathouse    |
| <input type="checkbox"/> Drill Site            | <input type="checkbox"/> Pillings           | <input type="checkbox"/> Remove Structures           |                                                  |
| <input type="checkbox"/> Fill                  | <input type="checkbox"/> Marina             | <input type="checkbox"/> Major Industrial/Commercial |                                                  |

☒ Other: Placement of Geotubes

e. *Why is the proposed project needed?*

This project is needed to help protect Fourchon Beach as well as Port Fourchon.

---

## Step 9 of 15 - Project Status

a. *Proposed project start date:* 07/01/2009 *Proposed project completion date:* 12/01/2009

b. *Is any of the project work in progress?*

☒ No ☐ Yes

c. *Is any of the project work complete?*

☒ No ☐ Yes

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## Step 10 of 15 - Structures, Materials, and Methods for the Proposed Project

a. *Excavations*

0 yd<sup>3</sup>

0 Acres

b. *Fill Areas*

17000 yd<sup>3</sup>

28 Acres

c. *Fill Materials*

☐ Concrete: yd<sup>3</sup>

☐ Rock: yd<sup>3</sup>

☐ Crushed Stone or Gravel: yd<sup>3</sup>

☒ Sand: 17,000 yd<sup>3</sup>

☐ Excavated and placed onsite: yd<sup>3</sup>

☐ Hauled in topsoil/Dirt: yd<sup>3</sup>

☐ Excavated and hauled offsite: yd<sup>3</sup>

☐ Other: yd<sup>3</sup>

d. *What equipment will be used for the proposed project?*

☐ Airboat

☐ Bulldozer/Grader

☐ Marsh Buggy

☐ Backhoe

☐ Dragline/Excavator

☐ Other Tracked or Wheeled Vehicles

☐ Barge Mounted Bucket Dredge

☐ Handjet

☐ Self Propelled Pipe Laying Barge

- ☐ Barge Mounted Drilling Rig ☐ Land Based Drilling Rig ☐ Tugboat  
☒ Other: Suction Dredge

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## Step 11 of 15 - Project Alternatives

- a. *Total acres of wetlands and/or waterbottoms filled and/or excavated.*

acres

- b. *What alternative locations, methods, and access routes were considered to avoid impact to wetlands and/or waterbottoms?*

No other alternative locations were considered due to the areas of the beach that were damaged during the hurricanes of 2008

- c. *What efforts were made to minimize impact to wetlands and/or waterbottoms?*

There will be no impacts to wetlands and/or waterbottoms. The tubes will be placed on the beach and will not interfere with any wetland or waterbottom functions.

- d. *How are unavoidable impacts to vegetated wetlands to be mitigated?*

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## Step 12 of 15 - Permit Type and Owners

- a. *Are you applying for a Coastal Use Permit?*

☐ No ☒ Yes

- b. *Are you the sole landowner/oyster lease holder?*

☒ No ☐ Yes

☐ The applicant is an owner of the property on which the proposed described activity is to occur.

☐ The applicant has made reasonable effort to determine the identity and current address of the owner(s) of the land on which the proposed described activity is to occur, which included, a search of the public records of the parish in which the proposed activity is to occur.

☒ The applicant hereby attests that a copy of the application has been distributed to the following landowners/oyster lease holders.

Landowner/Oyster Lease  
Holder: Louisiana State Land Office  
Mailing Address: 1201 North Third Street  
City/State/Zip: Baton Rouge LA 70802

Landowner/Oyster Lease  
Holder: Caillouet Land Corp.  
Mailing Address: 618 North Canal Blvd  
City/State/Zip: Thibodaux LA 70302

Landowner/Oyster Lease Holder: Edward Wisner Donation  
 Mailing Address: 1300 Perdino Street, Room 2W86  
 City/State/Zip: New Orleans LA 70112

c. Does the project involve drilling, production, and/or storage of oil and gas?

☒ No

☐ Yes

---

### Step 13 of 15 - Maps and Drawing Instructions

3738445 - APPLICATION PLATS REVISIONS - EXTENSION REQUEST AND FEE PAYMENT	03/04/2011 03:50:30 PM
114596829 - APPLICATION PLATS REVISIONS - REVISED PLATS	06/05/2009 12:34:26 PM
EmailAddressChange.htm	06/02/2009 01:04:52 PM
114520901 - APPLICATION PLATS REVISIONS - RESPONSE LETTER	05/21/2009 03:55:15 PM
114520904 - APPLICATION PLATS REVISIONS - REVISED PLATS	05/21/2009 03:55:17 PM
P20090468AgentRequestEmail.htm	05/13/2009 08:09:51 AM
114378070 - APPLICATION PLATS REVISIONS - APPLICATION FEE PAYMENT AND REVISION COVER LETTER	05/12/2009 11:10:42 AM
114378072 - APPLICATION PLATS REVISIONS - APP CHECKLIST RESPONSE	05/12/2009 11:10:44 AM
114378074 - APPLICATION PLATS REVISIONS - REVISED PLATS	05/12/2009 11:12:14 AM
Phasel-EmergencyBeachRehabilitation.pdf	04/30/2009 10:47:30 AM
Phasel-EmergencyBeachRehabilitation.pdf	04/30/2009 07:42:53 AM
Phasel-EmergencyBeachRehabilitation.pdf	04/30/2009 07:49:06 AM
114596824 - APPLICATION PLATS REVISIONS - RESPONSE LETTER	06/05/2009 12:30:54 PM

---

### Step 14 of 15 - Payment

The fee for this permit is: \$100.00

---



**Step 15 of 15 - Payment Processed*****Applicant Information***

**Applicant Name:** Greater Lafourche Port Commission  
**Address:** P.O. Drawer 490  
**City/State/Zip:** Galliano , LA 70354

***Application Information***

**Permit Type:** CUP

**To the best of my knowledge the proposed activity described in this permit application complies with, and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program. If applicable, I also certify that the declarations in Step 12c, oil spill response, are complete and accurate.**

---

**View Comments related to this project**



# PICCIOLA & ASSOCIATES, INC.

CIVIL ENGINEERS • LAND SURVEYORS • NAVAL ARCHITECTS • MARINE ENGINEERS

J.C. PICCIOLA, II, P.E., L.S.

March 2, 2011

Extension Fee  
received  
\$80.00 check

Louisiana Department of Natural Resources  
Coastal Management Division  
Attn: Ms. Nicole Dandurand  
P.O. Box 44487  
Baton Rouge, La 70804-4487

Re: Coastal Management Permit (P20090468)  
Corps of Engineers Permit (MVN 2009-01247 WW)  
Lafourche Parish

2011 MAR -4 PM 3:50  
MAR 4 2011  
MAR 4 2011

Ms. Dandurand,

In reference to the above mentioned permit please accept this letter and permit extension fee of eighty dollars (\$80.00) as our official request for a time extension of the permit performance period. Due to the ongoing issues from the British Petroleum (BP) Oil Spill and BP's occupancy of the beach and permitted staging area(s), our ability to bid the project and begin construction has been delayed.

As a side note, the project footprint and scope remain the same as in the original permit drawings. Also the landowners and adjacent landowners remain the same as listed in the application.

If you have any questions or require any additional information, please feel free to contact me at (985) 632-5786 or via email at [archie@picciola.com](mailto:archie@picciola.com).

Cordially,

Archie P. Chaisson, III, B.S.  
Permits and Grants Coordinator

Enclosure

Cc: Mr. Chett Chiasson  
Mr. Ronnie Duke  
Project File

Greater Lafourche Port Commission  
U.S. Army Corps of Engineers, NOD  
0310-0902



STATE VICINITY MAP  
NOT TO SCALE

## Phase I – Emergency Beach Rehabilitation

WORK TO BE PERFORMED: CONSTRUCTION OF 15,500 L.F. OF EMERGENCY BEACH REHABILITATION  
APPLIED BY: GREATER LAFOURCHE PORT COMMISSION  
AREA: PORT FOURCHON, LOUISIANA



**PICCOLA & ASSOCIATES, INC.**  
 ENGINEERS  
 1000 PINE BLVD.  
 SUITE 100  
 NEW ORLEANS, LA 70112

TEL: 504.581.1111  
 FAX: 504.581.1112  
 WWW.PICCOLA.COM

DATE: 03-20-09

SHEET 1 OF 4



# LOCAL VICINITY MAP

SCALE: 1" = 5000'

WORK TO BE PERFORMED: CONSTRUCTION OF ±5,500 L.F. OF EMERGENCY BEACH REHABILITATION  
 APPLIED BY: GREATER LAFOURCHE PORT COMMISSION  
 AREA: PORT FOURCHON, LA  
 PROJECT IS LOCATED IN SECTIONS 24, 25 & 26, T-22-S, R-22-E

LATITUDE = 29° 06' 04.09"

LONGITUDE = 90° 11' 26.04"

(LAT. & LON. IS LOCATED APPROXIMATELY IN THE CENTER OF THE REHABILITATION AREA)



PICCOLA & ASSOCIATES, INC.

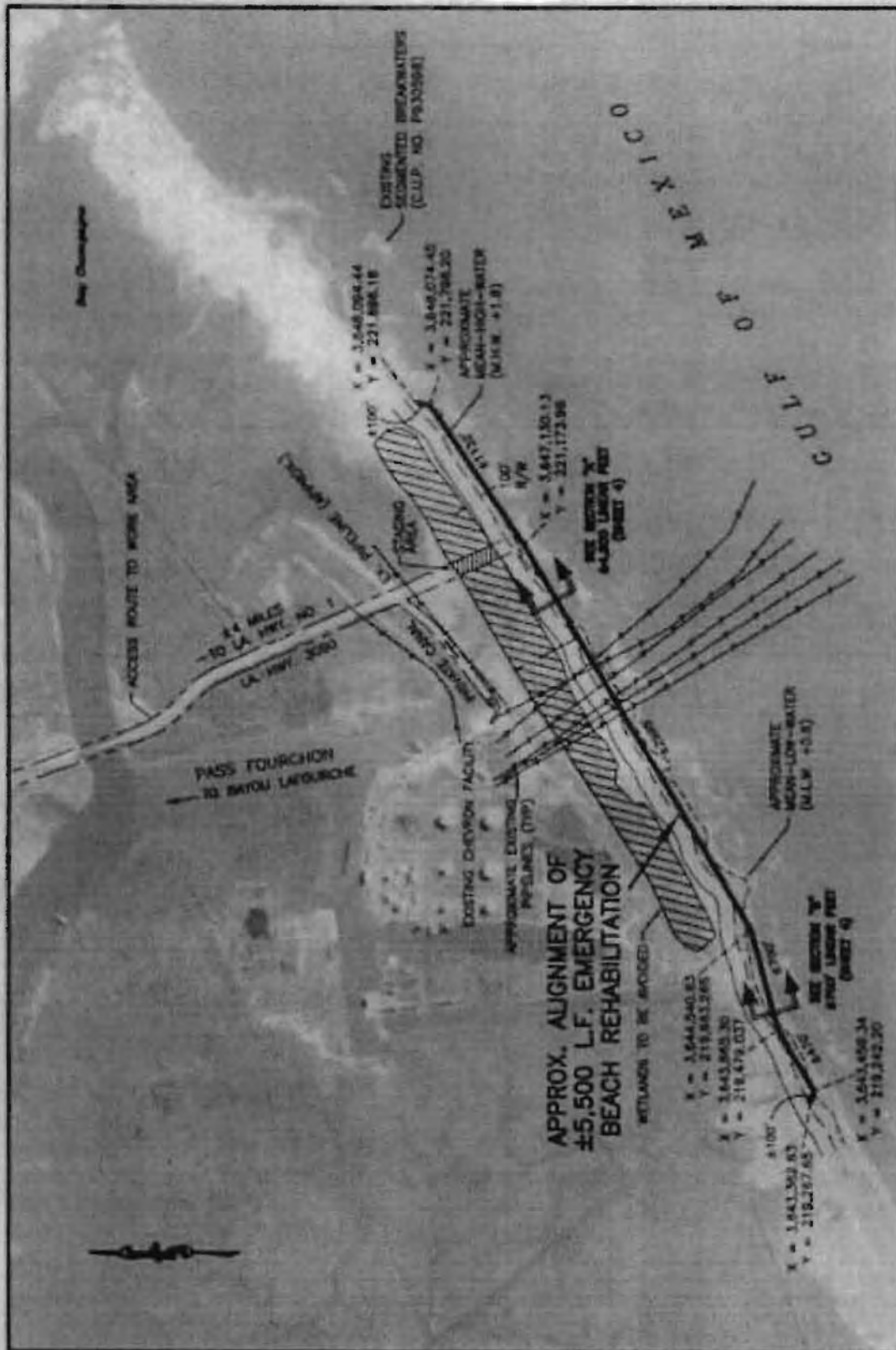
10000 N. 100th Ave., Suite 100, Edina, MN 55437

TEL: 612-437-1111 FAX: 612-437-1112

WWW.PICCOLA.COM

DATE: 03-20-09

SHEET 2 OF 4



— SITE PLAN —



**LEGEND:**

- ±5,500 L.F. EMERGENCY BEACH REHABILITATION
- - - APPROX. MEAN HIGH WATER (+1.8 M.H.W.)
- - - APPROX. MEAN LOW WATER (+0.8 M.L.W.)



PICCIOLA & ASSOCIATES, INC.

CIVIL ENGINEERS SURVEYING ARCHITECTS  
LANDSCAPE ARCHITECTS PLANNING ENGINEERS

P.O. BOX 887  
SUIT 101, DALLAS, TEXAS  
(214) 632-1788

JN 0310-0902

REV: 05-0409  
DATE: 03-20-09

SHEET 3 OF 4





PICCIOLA & ASSOCIATES, INC.

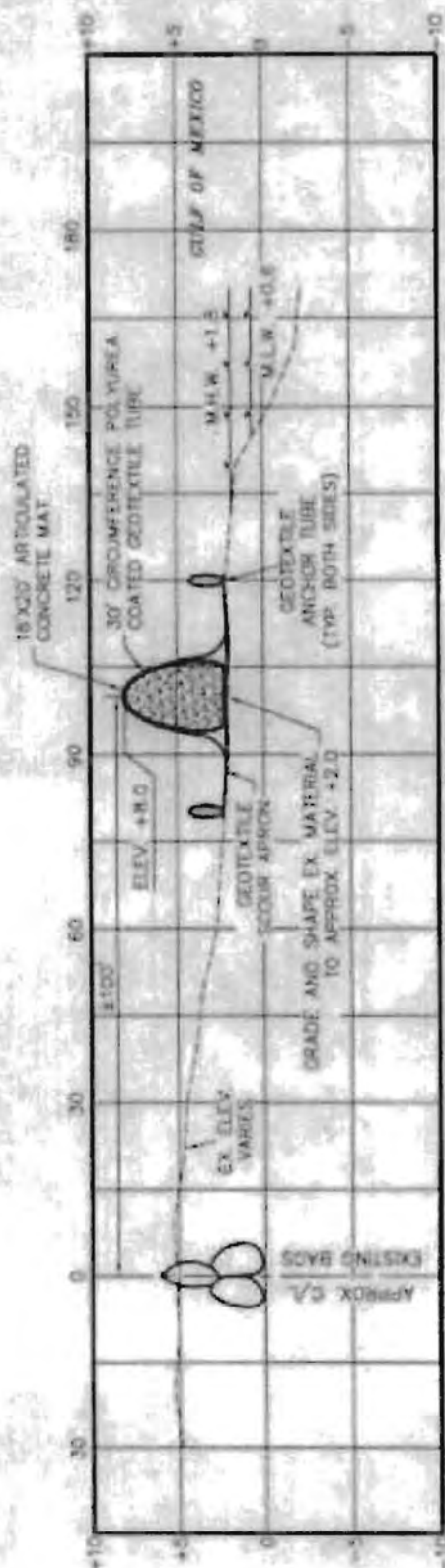
CITY OF LOS ANGELES  
LAW OFFICE

P.O. BOX 867  
LOS ANGELES, CALIF. 90008  
(213) 512-1100

JN 0310-0902

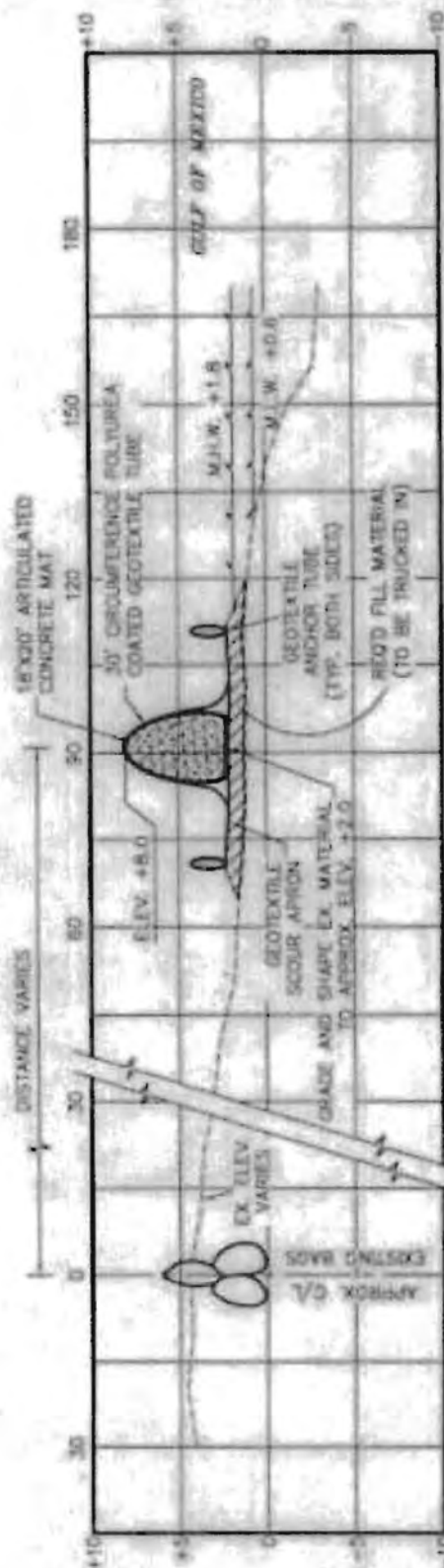
REV: 05-0409  
DATE: 03-20-09

SHEET 4 OF 4



### SECTION "A"

SCALE: HORZ. 1"=30' VERT. 1"=10'



### SECTION "B"

SCALE: HORZ. 1"=30' VERT. 1"=10'

APPROX. FILL MATERIAL REQUIRED:

FILL GEOTEXTILE TUBES = 815,000 CU. YDS.

GRADE TO ELEV. OF +2.0 (SECTION "B") = 22,000 CU. YDS.

- NOTES:
1. FILL MATERIAL TO BE HAULED IN FROM AN UPLAND (NON-WET) AREA.
  2. FILL MATERIAL IS TO THE BEST OF OUR KNOWLEDGE, FREE OF ANY CONTAMINANTS.

DATE: May 15, 2009  
MAY 19 2009MEMORANDUM FOR: Linda Bongiovanni, Team Leader, Management Disposal and Control Branch,  
Real Estate Division

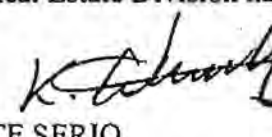
SUBJECT: Review of Permit Application for Real Estate Interest

1. The attached permit application is forwarded for your determination as to need for a real estate instrument. This is a modification to an issued permit.
2. Information relative to this application is as follows:

APPLICANT: Greater Lafourche Port Com.APPLICATION NO: MVN 2009-01247 WW

DISTRICT PERMIT ANALYST: Ken Ashworth 2548

3. Please advise us of your determination as soon as possible. Lack of reply within 5 days of the date of this request will be construed as indicating Real Estate Division has no property interest at the permit site and does not object to permit issuance.

*for*   
PETE SERIO  
Chief, Regulatory Branch  
Operations Division

Encls  
Appl. Form  
Drawings

Rev 13 Dec 2003

CEMVN-RE-M

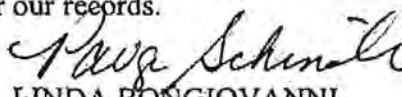
DATE 5/28/09

FOR C/REGULATORY BRANCH, OPERATIONS DIVISION

Reference permit application forwarded for determination as to need for a real estate interest.

☒ a. No real estate instrument will be required for this application, as no real estate interest under the jurisdiction of the New Orleans District is involved.

☐ b. A real estate instrument will be required for this application as it impacts real estate interests under the jurisdiction of the New Orleans District. If review by other district elements result in changes to any of the application exhibits and/or the proposed work being authorized under the Department of Army permit, these changes should be forwarded to Real Estate Division to be incorporated into the real estate instrument. Within the permit, please also advise the applicant of the need for a real estate instrument, and that no further action is required on their part for issuance of the real estate instrument, which will be forwarded under separate letter. Please forward a final copy of the permit for our records.

  
LINDA BONGIOVANNI  
Team Leader, Management and Disposal Branch  
Real Estate Division

Encls

MAP #AD  
ChW

☒ No☐ Yes☐ Not Sure

---

**Step 13 of 15 - Maps and Drawing Instructions**

<a href="#">P20090468AgentRequestEmail.htm</a>	05/13/2009 08:09:51 AM
<a href="#">114378070 - APPLICATION PLATS REVISIONS - APPLICATION FEE PAYMENT AND REVISION COVER LETTER</a>	05/12/2009 11:10:42 AM
<a href="#">114378072 - APPLICATION PLATS REVISIONS - APP CHECKLIST RESPONSE</a>	05/12/2009 11:10:44 AM
<a href="#">114378074 - APPLICATION PLATS REVISIONS - REVISED PLATS</a>	05/12/2009 11:12:14 AM
<a href="#">Phasel-EmergencyBeachRehabilitation.pdf</a>	04/30/2009 10:47:30 AM
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<a href="#">Phasel-EmergencyBeachRehabilitation.pdf</a>	04/30/2009 07:49:06 AM

---

**Step 14 of 15 - Payment**

The fee for this permit is: \$100.00

---

**Step 15 of 15 - Payment Processed*****Applicant Information***

Applicant Name: Greater Lafourche Port Commission  
Address: P.O. Drawer 490  
City/State/Zip: Galliano, LA 70354

***Application Information***

Permit Type: CUP

**To the best of my knowledge the proposed activity described in this permit application complies with, and will be conducted in a manner that is consistent with, the Louisiana Coastal Management Program.**

---

[View Comments related to this project](#)



### STATE VICINITY MAP

NOT TO SCALE

## Phase I – Emergency Beach Rehabilitation

WORK TO BE PERFORMED: CONSTRUCTION OF  $\pm 5,500$  L.F. OF EMERGENCY BEACH REHABILITATION  
APPLIED BY: GREATER LAFORCHE PORT COMMISSION  
AREA: PORT FOURCHON, LOUISIANA



PICCOLA & ASSOCIATES, INC.  
 CIVIL ENGINEERS  
 1100 PINE STREET, SUITE 100  
 NEW ORLEANS, LOUISIANA 70112

P.O. BOX 880  
 NEW ORLEANS, LOUISIANA 70112  
 (504) 432-0700

DATE: 03-20-09

SHEET 1 OF 4





LOCAL VICINITY MAP

SCALE: 1" = 5000'

WORK TO BE PERFORMED: CONSTRUCTION OF ±5,500 L.F. OF EMERGENCY BEACH REHABILITATION  
 APPLIED BY: GREATER LAFOURCHE PORT COMMISSION  
 AREA: PORT FOURCHON, LA.  
 PROJECT IS LOCATED IN SECTIONS 24, 25 & 26, T-22-S, R-22-E

LATITUDE = 29° 06' 04.09"

LONGITUDE = 90° 11' 26.04"

(LAT. & LON. IS LOCATED APPROXIMATELY IN THE CENTER OF THE REHABILITATION AREA)



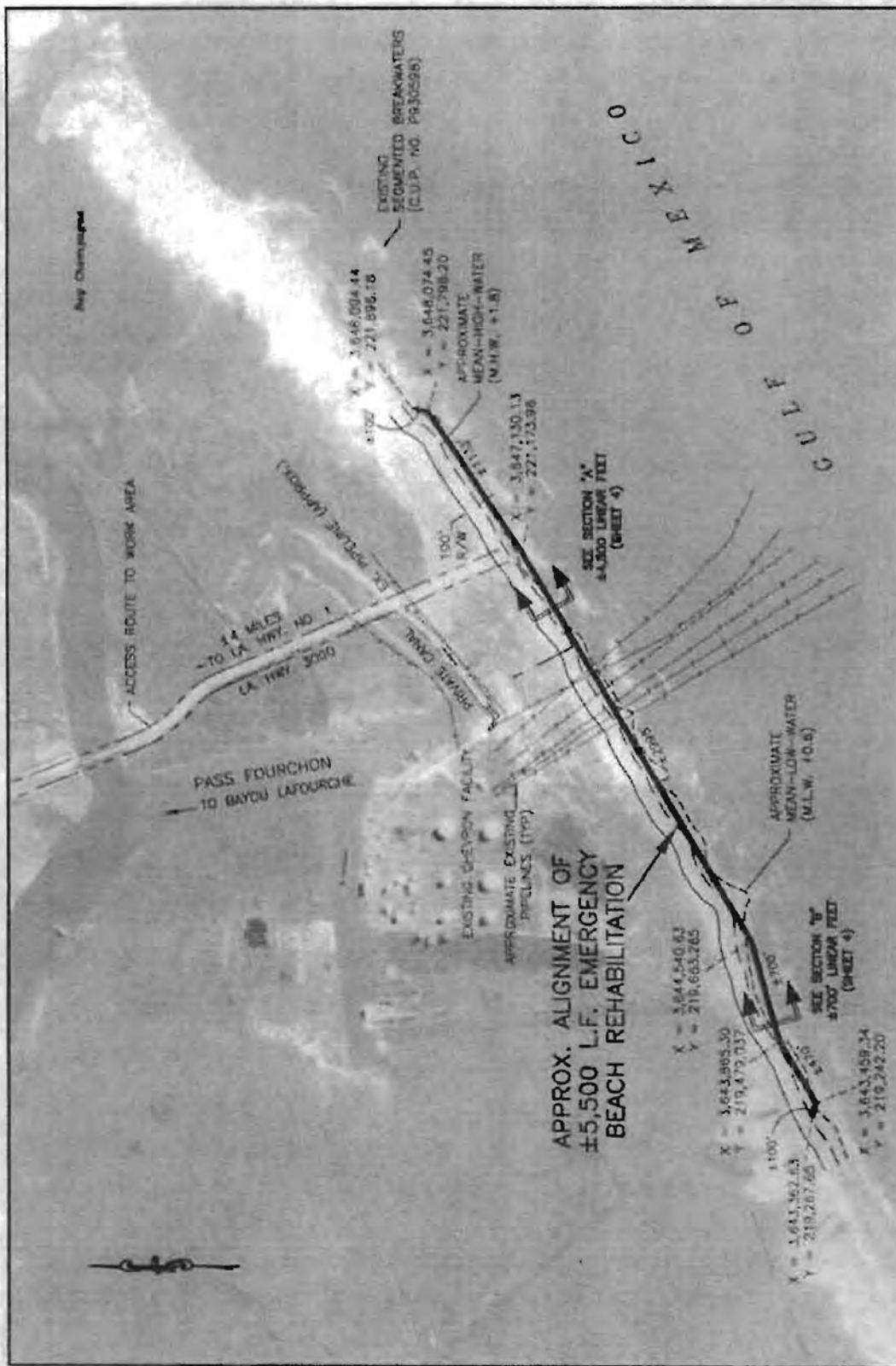
PICCIOLA & ASSOCIATES, INC.

1015 LAFAYETTE  
 SUITE 100  
 PORT FOURCHON, LA 70653

P.O. BOX 987  
 PORT FOURCHON, LA 70653  
 (504) 822-5798

DATE 03-20-09

SHEET 2 OF 4



**LEGEND:**

- ±5,500 L.F. EMERGENCY BEACH REHABILITATION
- - - APPROX. MEAN HIGH WATER (+1.8 M.H.W.)
- - - APPROX. MEAN LOW WATER (-0.6 M.L.W.)



**PICCIOLA & ASSOCIATES, INC.**

CIVIL ENGINEERING NATAL ARCHITECTS  
LAND DEVELOPMENT MARINE ENGINEERING

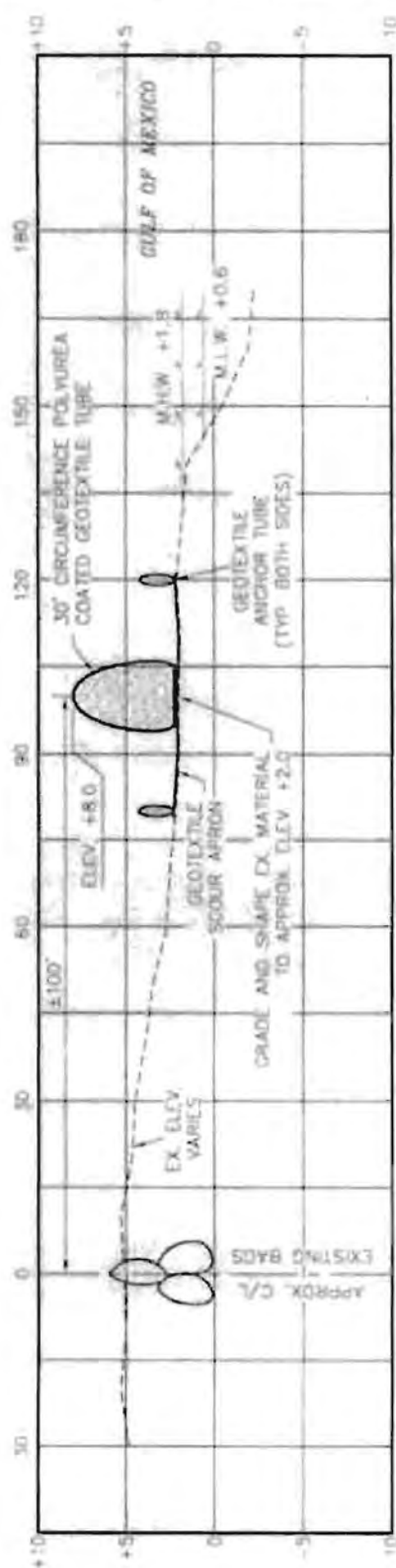
P.O. BOX 987  
DULAC, LOUISIANA 70348  
(504) 632-5788

JN. 0310-0902

REV. 05-D409  
DATE 03-20-09

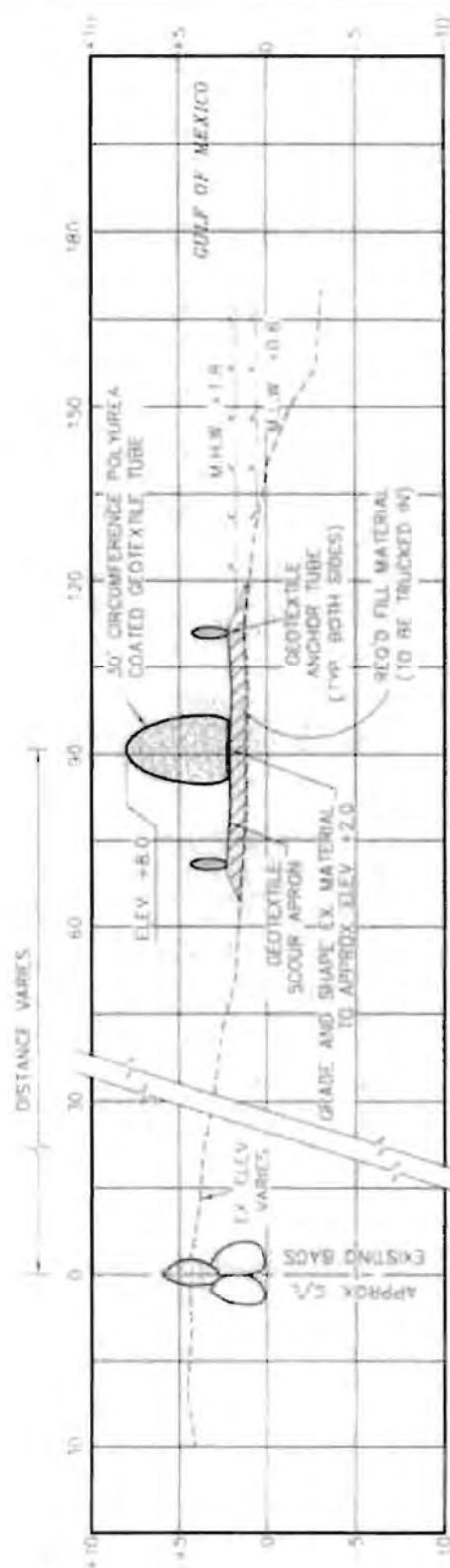
SHEET 3 OF 4





SECTION "A"  
SCALE: HORZ. 1"=30' VERT. 1"=10'

SCALE: HORZ. 1"=30' VERT. 1"=10'



SECTION "B"  
SCALE: HORZ. 1"=30' VERT. 1"=10'

SCALE: HORZ. 1"=30' VERT. 1"=10'

APPROX. FILL MATERIAL REQUIRED:

ALL GROFFERLE KRESSES - €15.000 C.U. VOLG

GRADE TO ELEV. OF +2.0 (SECTION "A") = 12,000 CU. YDS.



PICCIOLA &amp; ASSOCIATES, INC.

CYTO. ENDOPLASM.  
LARGE SUBUNIT

NAVAL ARCHITECTS  
MARINE ENGINEERS

2014

P.O. Box 887  
 Oak Cliff, Louisiana 70345  
 (504) 832-5766

(2004) 6.32–6.796.

\_\_\_\_\_

JN 0310-0902

REV: C5-D4Q9

DATE 03-20-09

SHEET 4 OF 4

# ORM PROCESSING SHEET

5/15/09  
doe

Applicant Greater Lafourche Port Commission Agent Piccolo and Associates  
Description install geotextile tube to prevent beach erosion/wetland loss

Proj. Manager Ken Ashworth PM Code WW Parish Lafourche  
Permit No. MVN-2009-01247 (Ex.: MVN 2004-2159-CY) Beach Re-haber  
Regulatory File Name (40 characters) Port Touchon Phase I Emerg.

SP PGP I GP      NWP      LOP Mod: w/PN w/oPN Timex: w/PN w/oPN  
Authority: ( ) 10 ( ) 404 ( ☒ ) 10/404 Circle Permit Types: ATF: Y or N PCN: Y or N

( ) Coastal Zone Management Act Procedure Classification: OCZ CUP GP Local Exempt  
In description field enter (P# & Analyst last name): P200 90468 (H. Dondurau)

Date printed on CUP      /      /      Date CUP rec'd      /      /     

( ) Section 401 WQC Procedure

In description field enter (WQC# & Analyst last name): WQC#     

Date printed on WQC      /      /      Date WQC rec'd      /      /     

( ) Within Conservation Plan Boundary (CPB). Date CPB Coordinator contacted      /      /     

Mitigation performed within the CPB: Y or N

Hydrologic Unit Code (HUC):     

MITIGATION: Y or N Acreage/type      Location     

## DATES

Date Rec'd (stamped on application) May 13 / 2009 Date App Assigned May 14 / 2009

Date App Determined Complete      /      /      Date of Receipt of Complete App      /      /     

PUBLIC NOTICE: Begin      /      /      End      /      /      Time/ext requested by     

Date requested      /      /      Comment period extended until      /      /     

## ORM Subacts (required):

EFH (Essential Fish Habitat): Yes No begin      /      /      end      /      /     

ESA (Endangered Species Act): Yes No begin      /      /      end      /      /     

Congressional (add under request for action): Yes No begin      /      /      end      /      /     

FOIA request (add under request for action): Yes No begin      /      /      end      /      /     

## MEETINGS (number):

Pre-app:      Dates:      /      /      ;      /      /      Site visit:      Dates:      /      /      ;      /      /     

Other:      Dates:      /      /      ;      /      /     

FTO/Date Decision Mailed (date stamped on FTO - closes out EVAL SP, etc.)      /      /     

STO (same as Date PMT Signed and End Date - closes out Request for Action)      /      /     

Date PMT expires      /      /     

PROCESSING TIME (days)     

FURNISH COPY OF PERMIT TO: ( ) Real Estate Division ( ) NMFS ( ) DNR (Conservation Plan Boundary Coordinator)

NOTES:

2009. 01247- WB

**PUBLIC NOTICE**

March 12, 2011

**REQUEST TO EXTEND A LOUISIANA COASTAL USE PERMIT ISSUED  
October 21, 2009**

STATE OF LOUISIANA  
DEPARTMENT OF NATURAL RESOURCES  
OFFICE OF COASTAL MANAGEMENT  
P.O. BOX 44487  
BATON ROUGE, LA 70804-4487

**Phone:** (225) 342-1076

**Fax:** (225) 342-9439

**Email:** monica.dandurand@la.gov

**OCM REVIEWER:**  
**Nicole Dandurand**

**CUP NUMBER:**  
**P20090468 (Extended)**

Interested parties are hereby notified that the Office of Coastal Management of the Department of Natural Resources has received a request to extend the two year period for initiation of work for the above referenced Coastal Use Permit. This request complies with the requirements of the Louisiana Administrative Code, Title 43, Part I, Chapter 7, §723.C. & D.

The official date of the beginning of the public comment period for Coastal Use Permit applications begins on the date of publication of the notice in the official state journal (The Advocate), in accordance with the Rules and Procedures for Coastal Use Permits, §723.C.5.c. The Office of Coastal Management will inform interested parties of the exact date of publication on request.

Plans for the proposed work are on file and may be inspected at the Office of Coastal Management, Department of Natural Resources, LaSalle Building, 617 North 3rd Street, Room 1048, Baton Rouge, LA. The Office of Coastal Management will accept public comments on this request for a period of ten (10) days from the date of publication in the Baton Rouge Advocate. The sole reason for not allowing extension based upon public comment shall be that there has been a change in the conditions of the area affected by the permit since the permit was originally issued. Comments may be mailed to the address or email address listed on this notice or faxed to us at (225) 342-9439. All comments should contain both the applicant's name and the appropriate application number.

\*Habitat impacts are based on available in-house data and may not represent actual conditions. Field reconnaissance may be required to verify extent of impacts.

**NAME:** **GREATER LAFOURCHE PORT COMMISSION**  
c/o PICCIOLA & ASSOCIATES, INC.  
P.O. BOX 687  
CUT OFF, LA 70345  
Attn: Archie Chaisson, III

**LOCATION:** **Lafourche Parish, LA; Section 24,25, T22S-R22E; Section 26, T22S-R22E; End of LA Hwy 3090 Golden Meadow, 70357 (POB (center) Lat. 29° 06' 04.09"N, Long. -90° 11' 26.04"W;**

**DESCRIPTION:** Proposed shoreline protection at Fourchon Beach as well as Port Fourchon. A total of 5,500 linear feet of geotubes will be installed along the beach. A 100' right-of-way will be required for equipment. A total of 15,000 cubic feet of sand will be hauled in to fill the tubes. An additional 2,000 cubic yards of material will be stacked as a base for a portion of the geotubes. The geotubes will be made permanent by the installation of 18' x 20' concrete mats over the tubing. No additional dredge or fill is required. EUA 09-022 was granted for the proposed geotubes however no work was completed under the Emergency Authorization. \*Approximately 5.28 acres of non-vegetated shoreline may be directly impacted by the proposed work.



**SOUTH LAFOURCHE LEVEE DISTRICT  
BOARD OF COMMISSIONERS**

P.O. Box 426 • Galliano, LA 70354  
Telephone 985.832.7554 • Fax 985.832.7555  
Visit us on the web: [www.slld.net](http://www.slld.net)



Ronald Callais, *President*

Windell Curole, *General Manager*

April 11, 2011

GREATER LAFOURCHE PORT COMMISSION  
c/o PICCIOLA & ASSOCIATES INC  
P O BOX 687  
CUT OFF LA 70345  
ATTN : ARCHIE CHAISSON III

**APR 15 2011**

Dear Mr. Chaisson,

*2009-01247-WB*

This office is in receipt of a copy of a Public Notice dated March 12, 2011 from the U. S. Army Corps of Engineers together with drawings for the following described project:

**GREATER LAFOURCHE PORT COMMISSION**

**CUP NO:** P20090468 (Extended)

**LOCATION:** Lafourche Parish, LA; Section 24, 25, T22S-R22E; Section 26, T22S-R22E; End of LA Hwy 3090 Golden Meadow, 70357 (POB (center) Lat. 29° 06' 04.09"N, Long -90° 11' 26.04"W;

**DESCRIPTION:** Proposed shoreline protection at Fourchon Beach as well as Port Fourchon. A total of 5,500 linear feet of geotubes will be installed along the beach. A 100' right-of-way will be required for equipment. A total of 15,000 cubic feet of sand will be hauled in to fill the tubes. An additional 2,000 cubic yards of material will be stacked as a base for a portion of the geotubes. The geotubes will be made permanent by the installation of 18' x 20' concrete mated over the tubing. No additional dredge or fill is required. EUA 09-022 was granted for the proposed geotubes however no work was completed under the Emergency Authorization. \*Approximately 5.28 acres on non-vegetated shoreline may be directly impacted by the proposed work.

The above request has been examined by this Commission and we have no objection to the above referenced project, provided the following conditions are strictly adhered to:

- 1) That the work is performed strictly in accordance with the plans and specifications submitted to this office.
- 2) That should changes in the location or the section of the existing Larose to Golden Meadow Hurricane Protection Project or in the generally prevailing conditions in

Ronald Callais  
Roy Gisclair  
Bob Faulk  
Clarence Marts, Jr.  
Monty Vegas

President  
Commissioner  
Commissioner  
Commissioner  
Commissioner

Lula Auenson  
Robert Eymard, Sr.  
E.J. Gremillion  
Mitch Damos  
Windell Curole

Vice President  
Commissioner  
Commissioner  
Commissioner  
Executive Secretary

CUP P20090468(Extended)



April 11, 2011

the vicinity be required in the future, the applicant shall, in the public interest, make such changes in the proposed project or in the arrangement thereof as may be necessary to satisfactorily meet the situation and shall bear the cost thereof.

- 3) That should it become necessary anywhere in the South Lafourche Levee District to relocate the proposed project or any part thereof in any manner, at the request of the South Lafourche Levee District, the applicant shall make any changes or relocations that may be necessary solely at applicant's expense.
- 4) That if it becomes necessary to cross the levee right-of-way, permission to cross must be obtained before work commences.
- 5) That work performed within 1,500 feet of the levee centerline be performed in the presence of an inspector representing the U. S. Army Corps of Engineers or the South Lafourche Levee District.
- 6) That work is in compliance with all building regulations of the State of Louisiana and Parish of Lafourche.
- 7) Violation of any of these provisions shall void this "Letter of No Objection".

Very truly yours,

A handwritten signature in black ink, appearing to read "Ronald Callais", is written over a horizontal line.

Ronald Callais, President

RC/ar

cc: U. S. Army Corps of Engineers - Permit Section

APR 28 2011

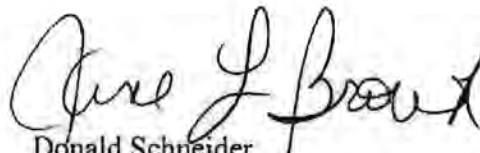
CEMVN-OD-G

26 Apr 2011

MEMORANDUM FOR C/Reg Branch (ATTN: Pete J. Serio)

SUBJECT: Permit application by Greater Lafourche Port Commission, MVN-2009-1247-WB

1. We have no objection to the proposed action in the subject permit.
2. Point of contact is Jane Brown, extension 1297.

A handwritten signature in black ink, appearing to read "Donald Schneider".

Donald Schneider  
Operations Manager, OD-G





"Bowen, Odessa (CTR)"  
<Odessa.Bowen@associates  
.fema.dhs.gov>

11/16/2011 02:45 PM

To "beth.dixon@la.gov" <beth.dixon@la.gov>,  
"Amy.E.Powell@usace.army.mil"  
<Amy.E.Powell@usace.army.mil>,  
cc "Spann, Tiffany" <Tiffany.Spann@fema.dhs.gov>

bcc

Subject Scoping Notification - Greater Lafourche Port Commission  
Fourchon Beach Shoreline Protection

Good afternoon,

Attached please find a Scoping Notification/Solicitation of Views and preliminary project sketches for the above referenced project.

Your review of this document is greatly appreciated.

Best regards,

Odessa Bowen (CTR)

NISTAC, Contractor

Federal Emergency Management Agency

1 Seine Court

New Orleans, LA 70114

(305) 505-8465 (cell)

(504) 762-2323 (fax)

Odessa.Bowen@associates.dhs.gov



Fourchon Beach Shoreline Scoping Notice\_logo.pdf



Preliminary project sketches.pdf

This project has been reviewed for effects to Federal trust resources under our jurisdiction and currently protected by the Endangered Species Act of 1973 (Act). The project, as proposed,

( ) Will have no effect on those resources

(X) Is not likely to adversely affect those resources. *pp*

This finding fulfills the requirements under Section 7(a)(2) of the Act.

*[Signature]*  
Acting Supervisor  
Louisiana Field Office  
U.S. Fish and Wildlife Service

Date *Nov 28, 2011*



## United States Department of the Interior

FISH AND WILDLIFE SERVICE  
646 Cajundome Blvd.  
Suite 400  
Lafayette, Louisiana 70506



August 25, 2009

Mr. Archie P. Chaisson, III  
Permits and Grants Coordinator  
Picciola & Associates, Inc.  
Post Office Box 687  
Cut Off, Louisiana 70345

SUBJECT: Greater Lafourche Port Commission – Phase I Emergency Beach Rehabilitation  
U.S. Department of the Army Permit MVN 2009-01247 WW  
Coastal Use Permit P20090468

Dear Mr. Chaisson:

Please reference your June 19, 2009, letter (received in this office on August 6, 2009, via electronic mail) requesting our concurrence with your determination that the Great Lafourche Port Commission's proposed Phase I Emergency Beach Rehabilitation Project is not likely to adversely affect the threatened piping plover (*Charadrius melodus*) or its designated critical habitat. The proposed project would involve restoring and/or replacing the existing shoreline protection feature along approximately 5,500 linear feet of the Fourchon Beach in Lafourche Parish, Louisiana. The U.S. Fish and Wildlife Service (Service) has reviewed the information you provided, and offers the following comments in accordance with provisions of the Endangered Species Act (ESA) of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.).

In Louisiana, barrier island and barrier headland erosion is attributable to increasing tidal prism, insufficient volumes of sediment supplied by littoral currents, land subsidence, and sea-level rise (Boesch 1982). Although increases in the tidal prism may be primarily responsible for enlargement of tidal passes, the insufficient supply of sand available to rebuild eroded areas has also contributed to increased tidal pass widths and shoreline retreat (Louisiana Coastal Wetlands Conservation and Restoration Task Force and the Wetlands Conservation and Restoration Authority 1999). Where insufficient supplies of sand prevail, measures to maximize sand retention, such as sand fencing and vegetative planting, are needed to effectively rebuild and maintain these eroded areas.

Fourchon Beach is part of the Caminada barrier headland, which is the principal feature of the Bayou Lafourche barrier system. The headland maintains the integrity of the Gulf shoreline and helps to protect interior coastal wetlands from further deterioration. It also protects Port Fourchon, which furnishes between 15 and 18 percent of the United States' entire oil supply and services over 90 percent of the Gulf of Mexico's deepwater oil production

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(<http://www.portfourchon.com/explore.cfm/aboutus/portfacts>). The Caminada Headland consists of narrow and low-lying sand dunes and beach berm, barrier marshes, chenier ridges interspersed with mangrove thickets, coastal dune shrub thickets, lagoons, and small bayous.

The piping plover and its designated critical habitat are known to occur within the proposed project area. Piping plovers winter in Louisiana, and may be present for 8 to 10 months annually (late July through late March or April). Piping plovers feed extensively on intertidal beaches, mudflats, sand flats, algal flats, and wash-over passes with no or very sparse emergent vegetation; they also require unvegetated or sparsely vegetated areas for roosting and refuge from high winds and cold weather. In most areas, wintering piping plovers are dependent on a mosaic of sites distributed throughout the landscape and move among sites as environmental conditions change. Studies have indicated that plovers generally remain within a 2-mile area.

The proposed project would be located in Unit LA-5 of designated piping plover critical habitat, which at the time of designation consisted of approximately 5,735 acres of wintering habitat. The primary constituent elements (PCEs) for piping plover wintering habitat are those habitat components that support foraging, roosting, and sheltering and the physical features necessary for maintaining the natural processes that support those habitat components. Designated critical habitat is located on the Gulf shoreline extending 6.8 miles east from the east side of Belle Pass (Federal Register, Volume 66, No. 132, Page 36127). Within the proposed project area this includes the Gulf shoreline bounded on the seaward side by mean low low water (MLLW) and on the landward side to where densely vegetated habitat, not used by the piping plover, begins and where the PCEs no longer occur.

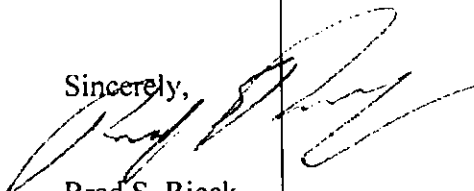
According to the June 11, 2009, Public Notice for the Coastal Use Permit, the proposed project would involve installing approximately 5,500 linear feet of sand-filled geotubes along the beach, and a 100-foot-wide right-of-way would be required for equipment and work activities. The geotubes would be converted into a permanent shoreline protection feature by the addition of concrete mats over the geotubes. The purpose of the proposed project is to replace the existing permanent shoreline protection feature (i.e., cement boudin bags) that was destroyed by hurricane events in 2005 and 2008. According to your June 24, 2009, electronic mail to this office, the proposed project footprint would exceed the width of the existing shoreline protection feature by approximately 2 feet along the length of the beach and intertidal zone. In addition, a layer of geotextile fabric would also be installed between the geotubes and concrete mats.

According to your letter, the project would be located in an area that is heavily used by the public for fishing and beach recreation. Any piping plovers that may utilize the area would likely be temporarily displaced to nearby suitable habitat near Bay Champagne and/or West Belle Pass. Thus, you determined the proposed project is not likely to adversely affect the piping plover. In addition, your letter indicates that approximately 1.89 acres of beach and 1.89 acres of intertidal habitat would be affected by the permanent installation of those structures for a period of two to four years until the U.S. Army Corps of Engineers (Corps) constructs the Caminada Headlands Restoration Project (as part of the larger Barataria Basin Barrier Shoreline Restoration Project). During that time, the permanent shoreline protection feature would remain exposed (i.e., not covered with sand) until it is covered by construction of the Corps' proposed restoration project.

Our calculations indicate that the proposed project would temporarily (i.e., 2 to 4 years) affect 3.78 acres of piping plover critical habitat, which is approximately 0.07 percent of Unit LA-5, and that acreage would eventually be fully restored by the Corps' proposed restoration action. In the meantime, the proposed shoreline protection feature would receive natural sand deposits through long-shore transport and Aeolian sand. Based on the above information, the Service anticipates that the temporal effects of the proposed shoreline protection feature on critical habitat are insignificant and discountable because the proposed feature would restore and/or replace an existing shoreline feature and would eventually be fully restored by other large-scale restoration efforts for the Caminada Headland. Accordingly, the Service concurs with your determination that the proposed Phase I Emergency Beach Rehabilitation Project is not likely to adversely affect the piping plover or its designated critical habitat.

We appreciate the cooperation of Picciola & Associates, Inc., and the Greater Lafourche Port Commission in the conservation of threatened species and their critical habitats. If you require further assistance regarding this matter, or have questions regarding the content of this letter, please contact Ms. Brigitte Firmin (337/291-3108) of this office.

Sincerely,



Brad S. Rieck  
Deputy Supervisor  
Louisiana Field Office

cc: FWS, Panama City, FL (Attn: Patty Kelly)  
COE, Regulatory Functions Branch, New Orleans, LA  
LDNR, Coastal Management Division, Baton Rouge, LA (Attn: Nicole Dandurand)  
LDWF, Natural Heritage Program, Baton Rouge, LA (Attn: Michael Seymour)

#### Literature Cited

Boesch, D. F., ed. 1982. Proceedings of the conference on coastal erosion and wetland modification in Louisiana: causes, consequences, and options. U.S. Fish and Wildlife Service, Biological Services Program, Washington, D.C. FWS/OBS-82/59. 256 pp.

Louisiana Coastal Wetlands Conservation and Restoration Task Force and the Wetlands Conservation and Restoration Authority. 1999. Coast 2050: toward a sustainable coastal Louisiana, the appendices. Appendix E - region 3 supplemental information. Louisiana Department of Natural Resources. Baton Rouge, LA. 173 pp.

**From:** [Beth Altazan-Dixon](#)  
**To:** [odessa.bowen@associates.dhs.gov](mailto:odessa.bowen@associates.dhs.gov)  
**Subject:** DEQ SOV 111116/3215 Fourchon Beach Shoreline-Geotube System Installation  
**Date:** Tuesday, November 22, 2011 14:50:13  
**Attachments:** [image001.png](#)

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November 22, 2011

Tiffany Spann-Winfield, Deputy Environmental Liaison Officer  
FEMA-Environmental Section, 4th Floor  
1 Seine Court  
New Orleans, LA 70114  
[odessa.bowen@associates.dhs.gov](mailto:odessa.bowen@associates.dhs.gov)

RE: 111116/3215                      Fourchon Beach Shoreline-Geotube System Installation  
FEMA Funding  
Lafourche Parish

Dear Ms. Spann-Winfield:

The Department of Environmental Quality (LDEQ), Business and Community Outreach Division has received your request for comments on the above referenced project.

After reviewing your request, the Department has no objections based on the information provided in your submittal. However, for your information, the following general comments have been included. Please be advised that if you should encounter a problem during the implementation of this project, you should immediately notify LDEQ's Single-Point-of-contact (SPOC) at (225) 219-3640.

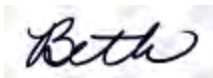
- Please take any necessary steps to obtain and/or update all necessary approvals and environmental permits regarding this proposed project.
- If your project results in a discharge to waters of the state, submittal of a Louisiana Pollutant Discharge Elimination System (LPDES) application may be necessary.
- If the project results in a discharge of wastewater to an existing wastewater treatment system, that wastewater treatment system may need to modify its LPDES permit before accepting the additional wastewater.
- All precautions should be observed to control nonpoint source pollution from construction activities. LDEQ has stormwater general permits for construction areas equal to or greater than one acre. It is recommended that you contact the LDEQ Water Permits Division at (225) 219-3181 to determine if your proposed project requires a permit.
- If your project will include a sanitary wastewater treatment facility, a Sewage Sludge and Biosolids Use or Disposal Permit application or Notice of Intent must be submitted no later than June 1, 2011. Additional information may be obtained on the LDEQ website at <http://www.deq.louisiana.gov/portal/tabid/2296/Default.aspx> or by contacting the LDEQ Water Permits Division at (225) 219- 3181.
- If any of the proposed work is located in wetlands or other areas subject to the jurisdiction of the U.S. Army Corps of Engineers, you should contact the Corps directly regarding permitting issues. If a Corps permit is required, part of the application process may involve a water quality certification from LDEQ.
- All precautions should be observed to protect the groundwater of the region.
- Please be advised that water softeners generate wastewaters that may require special limitations depending on local water quality considerations. Therefore if your water system improvements include water softeners, you are advised to contact the LDEQ Water Permits to determine if special water quality-based limitations will be necessary.

- Any renovation or remodeling must comply with LAC 33:III.Chapter 28, Lead-Based Paint Activities; LAC 33:III.Chapter 27, Asbestos-Containing Materials in Schools and State Buildings (includes all training and accreditation); and LAC 33:III.5151, Emission Standard for Asbestos for any renovations or demolitions.
- If any solid or hazardous wastes, or soils and/or groundwater contaminated with hazardous constituents are encountered during the project, notification to LDEQ's Single-Point-of-Contact (SPOC) at (225) 219-3640 is required. Additionally, precautions should be taken to protect workers from these hazardous constituents.

Currently, Lafourche Parish is classified as attainment with the National Ambient Air Quality Standards and has no general conformity determination obligations.

Please send all future requests to my attention. If you have any questions, please feel free to contact me at (225) 219-3958 or by email at [beth.dixon@la.gov](mailto:beth.dixon@la.gov).

Sincerely,



Beth Altazan-Dixon, EPS III  
Performance Management  
LDEQ/Office of the Secretary  
Business and Community Outreach and Incentives Division  
P.O. Box 4301 (602 N. 5th Street)  
Baton Rouge, LA 70821-4301  
Phone: 225-219-3958  
Fax: 225-325-8148  
Email: [beth.dixon@la.gov](mailto:beth.dixon@la.gov)





**DEPARTMENT OF NATURAL RESOURCES  
OFFICE OF COASTAL MANAGEMENT**

P.O. BOX 44487  
BATON ROUGE, LOUISIANA 70804-4487  
(225)342-7591  
1-800-267-4019

**COASTAL USE PERMIT/CONSISTENCY DETERMINATION**

**C.U.P. No.:** P20090468 (Extended)

**C.O.E. No.:** MVN 2009- 01247 WB

**NAME:** GREATER LAFOURCHE PORT COMMISSION  
c/o PICCIOLA & ASSOCIATES, INC.  
P.O. BOX 687  
CUT OFF, LA 70345  
Attn: Archie Chaisson, III

**LOCATION:** Lafourche Parish, LA  
Section 24,25, T22S-R22E; Section 26, T22S-R22E; End of LA Hwy 3090 Golden Meadow, 70357 (POB  
(center) Lat. 29° 06' 04.09"N, Long. -90° 11' 26.04"W;

**DESCRIPTION:** Proposed shoreline protection at Fourchon Beach as well as Port Fourchon. A total of 5,500 linear feet of geotubes will be installed along the beach. A 100' right-of-way will be required for equipment. A total of 15,000 cubic feet of sand will be hauled in to fill the tubes. An additional 2,000 cubic yards of material will be stacked as a base for a portion of the geotubes. The geotubes will be made permanent by the installation of 18' x 20' concrete mats over the tubing. No additional dredge or fill is required. EUA 09-022 was granted for the proposed geotubes however no work was completed under the Emergency Authorization.

**This extended permit supersedes the original permit which was issued October 21, 2009.**

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This extended permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Office of Coastal Management by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this extended permit, this extended permit authorizes the initiation of the coastal use described under "Coastal Use Description" for four (4) years from the date of the signature of the Secretary or his designee on the original permit which was October 21, 2009. If the coastal use is not initiated within this four (4) year period, then this extended permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

- a. This extended permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.



- b. That permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.
- c. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.
- d. All structures built under the authorization and conditions of this permit shall be removed from the site within 120 days of abandonment of the facilities for the herein permitted use, or when these structures fall into a state of disrepair such that they can no longer function as intended. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for such removal activities.
- e. As-built drawings shall be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Office of Coastal Management, PO Box 44487, Baton Rouge, LA 70804-4487.
- f. Structures must be marked/lighted in accordance with U. S. Coast Guard regulations.
- g. That should changes in the location or the section of the existing waterways, or in the generally prevailing conditions in the vicinity be required in the future, in the public interest, Permittee shall make such changes in the project concerned or in the arrangement thereof as may be necessary to satisfactorily meet the situation and shall bear the cost thereof. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for project modifications.
- h. Permittee will notify Kirk Kilgen, OCM field investigator at (985) 258-1259, no less than five (5) days prior to commencement of activities.
- i. This Coastal Use Permit specifically does not authorize excavation or dredging at the project site or from the surrounding water bottom. All fill will be hauled-in and will be clean and free of contaminants. Permittee will notify OCM, after the contract for providing fill is awarded, where (including map) the borrow location is located.
- j. The piping plover (*Charadria melodus*) may occur within one mile of the project area. This species is federally listed as threatened with its critical habitat designated along the Louisiana Coast. Piping plovers winter in Louisiana feeding at intertidal beaches, mudflats, and sand flats with sparse emergent vegetation. Primary threats to this species are destruction and degradation of winter habitat, habitat alteration through shoreline erosion, woody species encroachment of lake shorelines and riverbanks and human disturbance of foraging birds. For more information on piping plover critical habitat, visit the U.S. Fish and Wildlife website: <http://endangered.fws.gov>.

No other impacts to rare, threatened or endangered species or critical habitats are anticipated from the proposed project. No state or federal parks, wildlife refuges, wildlife management areas or scenic rivers are known at the



specified site or within ¼ mile of the proposed project.

The Louisiana Natural Heritage Program (LNHP) has compiled data on rare, endangered or otherwise significant plant and animal species, plant communities and other natural features throughout the state of Louisiana. LNHP reports summarize the existing information known at the time of the request regarding the location in question. LNHP reports should not be considered final statements on the biological elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments. If at any time LNHP tracked species are encountered within the project area, please contact our biologist at 225-765-2643.

- k. Permittee shall install and maintain geotubes as one continuous structure 5500' in length and 8' in height as depicted on the plats.

- l. Permittee will mark and label in the following manner:

The GLPC will tag each mat with a metal tag with their name and contact information listed on it as well as the mat number. The first mat laid down will be listed at number 001 and the mats there after will follow in a sequential numbering system.

The tags will be made of stainless steel and will be approximately the size of a business card. They will be crimped onto the steel tines of the mats to assure that they will not come loose. They will be placed on the upper left hand corner of the mats.

- m. The following conditions have been included to regulate the use of articulated concrete mats on the shoreline:

A. Permittee must agree to perform annual monitoring (including report submittal to OCM/DNR) for the first four (4) years after installation then every five (5) years thereafter and after every named tropical storm; to remove mats should they become, in the opinion of OCM/DNR (as the permitting body), a hazard to navigation, be causing secondary impacts to wetlands or adjacent shorelines, or to no longer be performing the role for which they were installed.

B. The permittee must agree to maintain liability for any damages resulting from the mats for as long as the mats remain installed.

C. The permittee must agree to hold and save the State of Louisiana, its agencies and political subdivisions and their officers and employees harmless from any damage to persons or property arising from the installation, presence or subsequent removal of mats as authorized in this Coastal Use Permit.

D. If multiple mats are required, the mats must be permanently joined together during installation to form a single unit. The unit must be maintained as a singular structure throughout its project life.

E. The permittee must affix a permanent, unique identifier to each mat. The identifier and the methods of marking and attachment (e.g., embossing the permit number in the concrete or attaching a type of tag) must be approved by OCM/DNR prior to authorization.

- n. The project may be inspected by OCM within two (2) years of the construction to determine if the project components (plugs, gaps, canal, water control structures, etc.) are operating in a satisfactory manner. Should the plug or other project components not be functioning at that time Permittee shall be required to perform maintenance activities needed to return the project to proper functioning; (such as returning the plug to its intended water blocking function).
- o. No wheeled or tracked vehicles are to be used in any phase of the geotube installation process across vegetated wetland areas.



- p. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.
- q. Permittee shall allow representatives of the Office of Coastal Management or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.
- r. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.
- s. This extended permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for four (4) years from the date of the signature of the Secretary or his designee on the original permit which was October 21, 2009. Initiation of the Coastal Use, for purposes of this extended permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated.

The expiration date of this extended permit is five (5) years from the date of the signature of the Secretary or his designee on the original permit which was October 21, 2009.

Upon expiration of this extended permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

\*\*\*\*\* End of Conditions \*\*\*\*\*

By accepting this extended permit the applicant agrees to its terms and conditions.

I affix my signature and issue this extended permit this 24th day of March, 2011.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Acting Administrator  
Office of Coastal Management

This agreement becomes binding when signed by Administrator of  
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

Attachments



**Final Plats:**

1) [P20090468](#)      [Final Plats](#)      [06/05/2009](#)

cc: Pete Serio, COE w/attachments  
Dave Butler, LDWF w/attachments  
Peggy Rooney, OCM w/attachments  
Kirk Kilgen, OCM/FI w/attachments  
Lafourche Parish w/attachments

GREATER LAFOURCHE PORT COMMISSION w/attachments



**UNITED STATES DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
NATIONAL MARINE FISHERIES SERVICE  
Southeast Regional Office  
263 13<sup>th</sup> Avenue South  
St. Petersburg, Florida 33701

November 23, 2011 F/SER46/LA:jk  
225/389-0508

Ms. Tiffany Spann  
Environmental Team Leader  
U.S. Department of Homeland Security  
Federal Emergency Management Agency  
FEMA-DR-1607-LA  
One Seine Court  
New Orleans, Louisiana 70114

Dear Ms. Spann:

NOAA's National Marine Fisheries Service (NMFS) has received the November 16, 2011, Solicitation of Views (SOV) for the Greater Lafourche Port Commission Fourchon beach nourishment and shoreline protection project. The Port Fourchon beach shoreline and original shoreline protection measures, called "boudin bags" filled with concrete and goby mats, were severely damaged by hurricanes Katrina and Ike. According to the SOV, the Federal Emergency Management Agency intends to prepare an Environmental Assessment (EA) to evaluate the intent to construct and install a Geotube System that will consist of placing pre-fabricated geo-synthetic tubes directly behind, and on the same alignment, as the existing damaged "boudin bags", along 5,500 linear feet of damaged beach. Resources potentially impacted by project implementation are located in Lafourche Parish, Louisiana.

Aquatic and tidally influenced wetland habitats in portions of the study area are designated as essential fish habitat (EFH) for a variety of federally managed species identified in the attached table. These species are managed by the Gulf of Mexico Fishery Management Council (GMFMC). Primary categories of EFH in the study area include emergent marsh, mangrove, sand and shell substrates, and estuarine water column. Detailed information on federally-managed fisheries and their EFH is provided in the 2005 generic amendment of the FMPs for the Gulf of Mexico prepared by the GMFMC. The generic amendment was prepared as required by the Magnuson-Stevens Fishery Conservation and Management Act (Magnuson-Stevens Act, P.L. 104-297).

In addition to being designated as EFH for the species and life stages listed in the attached table, water bodies and wetlands in the study area provide nursery and foraging habitats supportive of a variety of economically important marine fishery species, such as striped mullet, Atlantic croaker, Gulf menhaden, spotted seatrout, sand seatrout, southern flounder, black drum, and blue crab. Some of these species also serve as prey for other fish species managed under the Magnuson-Stevens Act by the GMFMC (e.g., mackerels, snappers, and groupers) and highly migratory species managed by NMFS (e.g., billfishes and sharks).



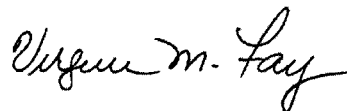


While NMFS believes that overall project implementation could be beneficial to protecting more production categories of EFH from erosion and to maintaining the productivity of marine fishery resources, the extent of EFH that will be disturbed or destroyed is unknown at this time. Any portion of the project that will be sited in intertidal or subaqueous habitats will have a potential to impact that category of EFK. Any EA developed for this project should clearly identify the exact location of project features in the wetland and aquatic habitat.

NMFS recommends the EA include separate sections titled "Essential Fish Habitat" and "Marine Fishery Resources" that identify the EFH and fisheries resources of the study area. The EA should describe the potential direct and indirect impacts on fishery resources and each category of EFH used by federally managed fishery species and their life stages. A discussion should be included on direct adverse impacts that may result from placement of fill on the beach shoreline and any damage caused by the placement of the Geotube System. The EA should evaluate alternatives to any activity that would result in an adverse impact to these resources and determine if there are lesser environmentally damaging methods. NMFS recommends these sections of the document also discuss the potential beneficial effects of the proposed project on EFH and marine fishery resources. These effects include the maintenance of marsh and beach front habitats through the accretion of sediment and reduction of erosion. These sections also should evaluate whether the proposed actions would adequately offset net impacts to EFH and associated fishery resources.

We appreciate the opportunity to provide scoping comments on this project. If you have any questions regarding our recommendations, please contact Lisa Abernathy at (225) 389-0508, ext. 209.

Sincerely,



Virginia M. Fay  
Assistant Regional Administrator  
Habitat Conservation Division

Enclosure

c:  
F/SER46, Swafford  
F/SER4, Dale, Rolfes  
Files

## ATTACHMENT

**Essential Fish Habitat which has been designated for managed species and life stages within either the fill or borrow sites in the Louisiana Coastal Area (LCA) Barataria Basin Barrier Shoreline Restoration Project study area.**

Species	Life Stage	System <sup>a</sup>	EFH
Brown shrimp	larvae/postlarvae	E	<82 m; planktonic, sand/shell/soft bottom, emergent marsh, oyster reef
	juvenile	E	<18 m; sand/shell/soft bottom, emergent marsh, oyster reef
White shrimp	larvae/postlarvae	E	<82 m; planktonic, soft bottom, emergent marsh
	juvenile	E	<30 m; soft bottom, emergent marsh
Red drum	larvae/postlarvae	E	all estuaries planktonic
	juvenile	E	GOM <5 m all estuaries, sand/shell/soft/ hard bottom, emergent marsh
	adults	E	GOM 1-46 m all estuaries, pelagic, sand/shell/soft/hard bottom, emergent marsh
Lane snapper	larvae	E	4-132 m; reefs
	juvenile	E	<20 m; mangrove, reefs, sand/shell/soft bottom
Dog snapper	juvenile	E	mangrove, emergent marsh
Bonnethead shark	juvenile	E	inlets, estuaries, coastal waters

---

<sup>a</sup> E=estuarine

**From:** [Office of Coastal Management](#)  
**To:** [ODESSA.BOWEN@ASSOCIATES.DHS.GOV](mailto:ODESSA.BOWEN@ASSOCIATES.DHS.GOV)  
**Subject:** P20111525 - Joint Permit Application Received  
**Date:** Thursday, November 17, 2011 10:00:09

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PLEASE DO NOT REPLY TO THIS EMAIL. THIS ACCOUNT IS NOT MONITORED FOR INCOMING MAIL. If you would like to talk to someone about this application please call 225-342-7591 or 1-800-267-4019.

#### Coastal Use Permit Application Information

Applicant: U.S. Department of Homeland Security - FEMA  
Project: Fourchon Beach Shoreline Protection  
Project Parish(es): LAFOURCHE

OCM Analyst:  
Preliminary  
Determination:  
Application Modification: N/A

Thank you for using Office of Coastal Management's on-line application process. Your application has been received and has been assigned the following number: **P20111525**

You will be contacted within 5 business days regarding the status of your application. You may also follow the progress of your application on-line at:

[Item Tracking \(text\)](#)  
[Application](#)  
[Make Comments](#)  
[Application Invoice](#)



**State of Louisiana**  
**DEPARTMENT OF NATURAL RESOURCES**  
**OFFICE OF COASTAL MANAGEMENT**

11/18/2011

U.S. DEPARTMENT OF HOMELAND SECURITY - FEMA  
1 SEINE CT.  
NEW ORLEANS, LA 70114

**RE: P20111525, Solicitation of Views**  
**U.S. DEPARTMENT OF HOMELAND SECURITY - FEMA**  
**Description:** Proposed shoreline protection measures on Fourchon Beach.  
**Location:** Lat. 29° 06' 11.3"N, Long. -90° 11' 13.56"W.  
**Lafourche Parish, LA**

Dear Odessa Bowen:

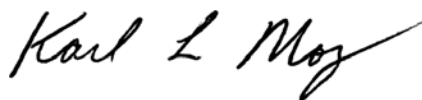
We have received your Solicitation of Views for the above referenced project, which has been found to be inside the Louisiana Coastal Zone. In order for us to properly review and evaluate this project, we require that a complete Coastal Use Permit Application packet (Joint Application Form, locality maps, project illustration plats with plan and cross section views, etc.) along with the appropriate application fee be submitted to our office. Using your complete application, we can provide you with an official determination, and begin the processing of any Coastal Use Permit that may be required for your project. You may obtain a free application packet by calling our office at (225) 342-7591 or (800)-267-4019, or by visiting our website at <http://www.dnr.state.la.us/crm/coastmgt/cup/cup.asp>.

We recommend that, during your planning process, you make every effort to minimize impacts to vegetated wetlands. As our legislative mandate puts great emphasis on avoiding damages to these habitats, in many cases the negotiations involved in reducing such disturbances and developing the required mitigation to offset the lost habitat values delay permit approval longer than any other factor. Additionally, the following sensitive features may require additional processing time by the appropriate resource agencies: OCPR projects BA-45 (EB) and LA-10, an oyster lease, a mitigation project, a beneficial use project, multiple LNHP sites and a State Master Plan feature are located in close proximity to the proposed work.

Should you desire additional consultation with our office prior to submitting a formal application, we recommend that you call and schedule a pre-application meeting with our Permit Section staff. Such a preliminary meeting may be helpful, especially if a permit application that is as complete as possible is presented for evaluation at the pre-application meeting.

If you have any questions, would like to request an application packet or would like to schedule a pre-application meeting, please contact Nicole Dandurand at (225) 342-1076 or [monica.dandurand@la.gov](mailto:monica.dandurand@la.gov).

Sincerely,

A handwritten signature in black ink, reading "Karl L. Morgan". The signature is fluid and cursive, with a long horizontal stroke extending from the end of the name.

Karl L. Morgan  
Administrator

**Karl L. Morgan/nd**

Attachments

**Final Plats:**

1) [P20111525](#)      [Final Plats](#)      [11/17/2011](#)

cc: Pete Serio, COE w/plats  
Dave Butler, LDWF w/plats  
Peggy Rooney, OCM w/plats  
Kirk Kilgen, CMD/FI w/plats  
Lafourche Parish w/plats





State of Louisiana  
DEPARTMENT OF NATURAL RESOURCES  
OFFICE OF COASTAL MANAGEMENT

11/18/2011

U.S. DEPARTMENT OF HOMELAND SECURITY - FEMA  
1 SEINE CT.  
NEW ORLEANS, LA 70114

**RE: P20111525, Solicitation of Views**  
**U.S. DEPARTMENT OF HOMELAND SECURITY - FEMA**  
**Description:** Fourchon Beach Shoreline Protection Project  
**Location:** Lat 29° 06' 11.3"N / Long -90° 11' 13.56"W;  
**Lafourche Parish, LA**

Dear Odessa Bowen:

You are hereby advised that your application for a Coastal Use Permit (CUP) has been determined to be complete and review by the State for compliance with the Louisiana Coastal Resource Program (LCRP) and consistency with the federal Coastal Zone Management Act (CZMA) has begun. Additionally, it has been determined that your proposed activity is a use of state concern in accordance with Louisiana Revised Statute 49:214.5.

The Office of Coastal Management (OCM) has sent a copy of this permit application to the New Orleans District Corps of Engineers (NOD/COE). The NOD/COE and OCM will each process this application separately. Please be advised that if your project is located outside of the New Orleans District, it is your responsibility to apply to the appropriate COE District.

All correspondence and calls regarding this application should reference the Coastal Use Permit Number (P#) indicated above. Please note that all information concerning your application is in our database and is updated throughout the day as changes to the status of the application occur.

Your application can be found on our [Webpage](#).

Should you have any questions, please check the online database or contact the assigned permit analyst: Nicole Dandurand at (225) 342-1076 or [monica.dandurand@la.gov](mailto:monica.dandurand@la.gov). Be sure to reference the above Coastal Use Permit Number.

Sincerely,

A handwritten signature in black ink, appearing to read "Chris Melton".

Permit Coordinator

CM

P20111525, Solicitation of Views  
U.S. DEPARTMENT OF HOMELAND SECURITY - FEMA  
11/18/2011  
Page 2

cc: Pete Serio, COE

U.S. DEPARTMENT OF HOMELAND SECURITY - FEMA

**From:** [Mick.Tamara@epamail.epa.gov](mailto:Mick.Tamara@epamail.epa.gov)  
**To:** [Bowen, Odessa \(CTR\)](#)  
**Cc:** [Spann, Tiffany](#)  
**Subject:** Re: Scoping Notification - Greater Lafourche Port Commission Fourchon Beach Shoreline Protection  
**Date:** Tuesday, November 22, 2011 09:51:03

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Odessa - Relevant to the Clean Water Act 404(b)(1) Guidelines, EPA has no objection to the proposed project. Thanks for the opportunity to review and comment.

Tamara Mick  
US EPA Region 6  
Marine & Wetlands Section  
Dallas, TX 75202-2733  
214-665-7134

-----"Bowen, Odessa (CTR)" <[Odessa.Bowen@associates.fema.dhs.gov](mailto:Odessa.Bowen@associates.fema.dhs.gov)> wrote: -----

To: "beth.dixon@la.gov" <[beth.dixon@la.gov](mailto:beth.dixon@la.gov)>, "Amy.E.Powell@usace.army.mil" <[Amy.E.Powell@usace.army.mil](mailto:Amy.E.Powell@usace.army.mil)>, Tamara Mick/R6/USEPA/US@EPA, "cmichon@wlf.la.gov" <[cmichon@wlf.la.gov](mailto:cmichon@wlf.la.gov)>, "Richard.Hartman@noaa.gov" <[Richard.Hartman@noaa.gov](mailto:Richard.Hartman@noaa.gov)>, "amy\_trahan@fws.gov" <[amy\\_trahan@fws.gov](mailto:amy_trahan@fws.gov)>, "Karl.Morgan@la.gov" <[Karl.Morgan@la.gov](mailto:Karl.Morgan@la.gov)>  
From: "Bowen, Odessa (CTR)" <[Odessa.Bowen@associates.fema.dhs.gov](mailto:Odessa.Bowen@associates.fema.dhs.gov)>  
Date: 11/16/2011 02:46PM  
Cc: "Spann, Tiffany" <[Tiffany.Spann@fema.dhs.gov](mailto:Tiffany.Spann@fema.dhs.gov)>  
Subject: Scoping Notification - Greater Lafourche Port Commission Fourchon Beach Shoreline Protection

Good afternoon,

Attached please find a Scoping Notification/Solicitation of Views and preliminary project sketches for the above referenced project.

Your review of this document is greatly appreciated.

Best regards,

Odessa Bowen (CTR)

NISTAC, Contractor

Federal Emergency Management Agency

1 Seine Court

New Orleans, LA 70114

(305) 505-8465 (cell)

(504) 762-2323 (fax)

[Odessa.Bowen@associates.dhs.gov](mailto:Odessa.Bowen@associates.dhs.gov)

Mick/R6/USEPA/US]

[attachment "Preliminary project sketches.pdf" removed by Tamara Mick/R6/USEPA/US]

**From** Archie P. Chaisson  
**To** Bowen, Odessa (CTR)  
**Cc**

**Date** Tuesday, November 29, 2011 14:26:14

**Subject** Re: P20111525 - Fourchon Beach

I will type a letter but since your name is on the permit the letter will go to you so there should not be any replies.

Thanks,

Archie P. Chaisson, III  
CZM Administrator  
Lafourche Parish Government  
(985) 632-5245

Sent from my iPad

On Nov 29, 2011, at 10:50 AM, "Bowen, Odessa (CTR)" <[Odessa.Bowen@associates.fema.dhs.gov](mailto:Odessa.Bowen@associates.fema.dhs.gov)> wrote:

Hello,

That letter would be fine to add to our project file, as well as any replies you receive.

Thank you,

Odessa Bowen (CTR)  
NISTAC, Contractor  
Federal Emergency Management Agency  
1 Seine Court  
New Orleans, LA 70114  
(305) 505-8465 (cell)  
(504) 762-2323 (fax)  
[Odessa.Bowen@associates.dhs.gov](mailto:Odessa.Bowen@associates.dhs.gov)

---

**From:** Archie P. Chaisson [<mailto:chaissonap@lafourchegov.org>]  
**Sent:** Tuesday, November 29, 2011 9:45 AM  
**To:** [odessa.bowen@associates.dhs.gov](mailto:odessa.bowen@associates.dhs.gov)  
**Subject:** P20111525 - Fourchon Beach

Mrs. Brown,

We received this permit and we are currently working and out Letter of No Objections for our December Permits. Do you require a letter from us?

**Archie P. Chaisson, III | Administrator**

Office of Coastal Zone Management

Lafourche Parish Government

16241 East Main Street, Suite B10 | Cut Off, LA 70345

Main: (985) 632-4666 | Mobile: (985) 637-5245

[chaissonap@lafourchegov.org](mailto:chaissonap@lafourchegov.org) | [www.lafourchegov.org](http://www.lafourchegov.org)



Permit Number: P20111525			
Office	Commentor	Comment Date	Comment
Other	CAPTURE	01/06/2012 13:30:21	4077147 - EXTERNAL COMMENTS - COE COMMENTS
Other	Dave Butler LDWF	11/28/2011 11:22:54	P20111525.doc
Other	Dave Butler LDWF	11/28/2011 11:22:53	P20111525.pdf
Other	CAPTURE	11/21/2011 16:01:08	4041399 - INTERNAL COMMENTS - CODE SHEET
OCM	JIM HOLCOMBE	11/18/2011 12:25:11	This proposal should have no adverse impacts on any mitigation plans in the project area.
State Land	Clay Carter	11/18/2011 09:56:49	No Objection.
OCPR	CHADCH	11/18/2011 09:44:17	CUP# P20111525; With respect to its potential impact on the CRED PROJECT FEATURES (Polygons) Project: LA-10 - , OCPR has no objection at this time to the above referenced CUP application.

*Handwritten notes:*  
 CUP# P20111525  
 LA-10 -  
 OCPR has no objection at this time to the above referenced CUP application.

Close

## Bowen, Odessa (CTR)

---

**From:** Baldridge, Paul [Paul.Baldridge@associates.fema.dhs.gov]  
**Sent:** Wednesday, December 28, 2011 12:05  
**To:** Odessa.Bowen@associates.dhs.gov; Young, Joe F (CTR); Billy.Crabb@associates.dhs.gov  
**Subject:** FW: Greater Lafourche Port Commission - Fourchon Beach Shoreline Protection AI 1662

Odessa,

Here are responses to the other two questions for Greater Lafourche Port Commission Fourchon Beach Shoreline Protection. I am aware that you received them from Mr. Chiasson, however, I just want to have a record of communication.

Regards,

Paul D. Baldridge

GOHSEP Alternate & Improved Projects Team Witt Associates Baton Rouge RFO

(713) 530-3660 (Mobile)

(225) 334-7711 (Fax)

paul.baldridge@associates.dhs.gov

pbaldridge@staff.jlwitt.com

-----Original Message-----

From: Chett Chiasson [mailto:chettc@portfourchon.com]

Sent: Wednesday, December 28, 2011 11:09

To: Crabb, Billy (OGA); Serena Bruce

Cc: 'Baldridge, Paul'; Young, Joe F (CTR); Odessa.Bowen@associates.dhs.gov; Dean, Fenton (CTR); 'Lauren Brumfield'

Subject: RE: Greater Lafourche Port Commission - Fourchon Beach Shoreline Protection AI 1662

Billy,

The answer to question 1 is NO other federal funds tied to the project.

The answer to question 2 is as follows as written by our General Counsel, Bryce Autin:

The "Seashore" in Louisiana is a public thing - it's defined as the "space over which the waters of the sea spread in the highest tide during the winter season." In the area of this project, where the Seashore ends and private ownership begins, a portion of the project is located on lands owned by the Caillouet Land Corporation and a portion on lands owned by the City of New Orleans as Trustee for the Edward Wisner Trust.

Quite candidly, defining the actual limits of the ever-changing "Seashore" would be a very costly legal endeavor. Not to mention that, given the always changing tidal dynamics, such a determination may not be valid a month from now.

~~As such, the Port has prepared for the position that the project may NOT be located on the public Seashore, but actually on privately owned land. Although no formal agreement was entered with the private landowners when the project was originally constructed, it was done so with full notice to, and acquiescence of, both landowners. Under Louisiana law, the Port has acquired a servitude over the property for the presence, maintenance and repair of the project. However, both landowners have requested that formal written servitude agreements be entered to address specific concerns of the landowners - such as liability, insurance, maintenance, access, etc. The Port agrees and has been actively negotiating such an agreement. We feel we are very near to a servitude that will be entered into with the landowners and have something executed within the next month.~~

Please let me know if there are any other questions regarding this matter with which I can be of any assistance.

Thanks,  
Chett

Chett C. Chiasson, MPA  
Executive Director  
Greater Lafourche Port Commission  
phone: 985-632-6701  
fax: 985-632-6703  
chettc@portfourchon.com  
www.portfourchon.com

-----Original Message-----

From: Crabb, Billy (OGA) [mailto:Billy.Crabb@associates.fema.dhs.gov]  
Sent: Wednesday, December 28, 2011 10:22 AM  
To: Chett Chiasson; Serena Bruce  
Cc: 'Baldrige, Paul'; Young, Joe F (CTR); Odessa.Bowen@associates.dhs.gov; Dean, Fenton (CTR); 'Lauren Brumfield'  
Subject: RE: Greater Lafourche Port Commission - Fourchon Beach Shoreline Protection AI 1662

Chett, when you get a chance please send GOHSEP/FEMA the information to questions one and three, and make sure to send this to all, for tomorrow is my last day as your GOHSEP liaison. Thank you in advance and it has been a privilege working with you and Serena, hope ya'll had a great Christmas and I wish you a "Happy New Year!"

1) Are there any other federal funds tied to this project?  
If so, what agency is providing the additional funding?

3) Per the project sketches, some of the work will take place seaward of the shoreline/mean high water line. Please provide documentation of land/water/submerged land ownership

Sincerely,  
Billy Crabb

-----Original Message-----

From: Baldrige, Paul [mailto:Paul.Baldrige@associates.fema.dhs.gov]  
Sent: Wednesday, December 28, 2011 09:56  
To: Odessa.Bowen@associates.dhs.gov  
Cc: Billy.Crabb@associates.dhs.gov; Young, Joe F (CTR)  
Subject: FW: Greater Lafourche Port Commission - Fourchon Beach Shoreline Protection AI 1662

Odessa,

Here are some of the documents you were requesting from Greater Lafourche Port Commission.

Hope this helps. Please remind me of any outstanding requests.

Happy New Year,

Serena,

Did you respond to any of this already?

Chett C. Chiasson, MPA  
Executive Director  
Greater Lafourche Port Commission  
phone: 985-632-6701  
fax: 985-632-6703  
chettc@portfourchon.com  
www.portfourchon.com

-----Original Message-----

From: Crabb, Billy (OGA) [mailto: Billy.Crabb@associates.fema.dhs.gov]  
Sent: Monday, December 05, 2011 10:17 AM  
To: Chett Chiasson  
Cc: Serena Bruce; 'Baldrige, Paul'  
Subject: FW: Greater Lafourche Port Commission - Fourchon Beach Shoreline Protection AI 1662

Chett,

I was going through my fills and noticed that I have not received any of the information from you concerning projects PW#7475 and 1147. Please note that this is what is holding up these projects with FEMA A/I. As soon as you can get this information to me I will hand deliver to our A/I team member Paul Baldrige so he can push this through system.

Please note, I will be de-mobilizing this month and would like to see this completed before I leave, just so it does not get sidelined.

Thanks,  
Billy Crabb

-----Original Message-----

From: Crabb, Billy (OGA)  
Sent: Thursday, November 17, 2011 09:23  
To: 'Chett Chiasson'  
Cc: Serena Bruce; 'Baldrige, Paul'; Bressett, Robert (CTR)  
Subject: FW: Greater Lafourche Port Commission - Fourchon Beach Shoreline Protection AI 1662

Chett,

FEMA is requesting some more information on your Improve Project request for PW#7475 and PW#1147. GOHSEP A/I Specialist and I have researched the files and cannot find the information being requested, can you provide the answers for the questions listed below?  
Thanks in advance, Billy.

- 1) Are there any other federal funds tied to this project?  
If so, what agency is providing the additional funding?
- 2) Please provide NEPA review documentation  
conducted for the original construction if applicable (i.e.,  
floodplain permit from the Parish NFIP Administrator,

USACE Joint Permit Application and permit if applicable (MVN 2009-01247-WW), Coastal Use Permit if applicable (CUP P20090468), and the like).

3) Per the project sketches, some of the work will take place seaward of the shoreline/mean high water line. Please provide documentation of land/water/submerged land ownership

---

---

-----Original Message-----

From: Baldrige, Paul [mailto:Paul.Baldrige@associates.fema.dhs.gov]  
Sent: Thursday, November 17, 2011 07:01  
To: Billy.Crabb@associates.dhs.gov  
Subject: FW: Greater Lafourche Port Commission - Fourchon Beach Shoreline Protection AI 1662

Billy,

It might be good for us to speak to Cooper Norman about this and see if he has any additional information about this.

Regards,

Paul D. Baldrige  
GOHSEP Alternate & Improved Projects Team Witt Associates Baton Rouge RFO  
(713) 530-3660 (Mobile)  
(225) 334-7711 (Fax)  
paul.baldrige@associates.dhs.gov  
pbaldrige@staff.jlwitt.com

-----Original Message-----

From: Bowen, Odessa (CTR)  
Sent: Wednesday, November 16, 2011 16:25  
To: Abrahm, Michael (CTR); Norman, Cooper (CTR); Bressett, Robert (CTR); Myers, Mary (OGA); Martino, Trey; Anchors, Rusty (CTR); Spann, Tiffany; Young, Joe F (CTR); Whitehurst, DennisG (CTR); Crabb, Billy (OGA); Baldrige, Paul  
Subject: Greater Lafourche Port Commission - Fourchon Beach Shoreline Protection AI 1662

Good afternoon,

Attached please find an RFI for the above referenced project. Your attention to this matter is greatly appreciated.

Please contact me with any questions you may have.

Best regards,

Odessa Bowen (CTR)  
NISTAC, Contractor  
Federal Emergency Management Agency

1 Seine Court  
New Orleans, LA 70114  
(305) 505-8465 (cell)  
(504) 762-2323 (fax)  
Odessa.Bowen@associates.dhs.gov

(The attachment is a text document and may be opened using MS Word, Word Pad or Note Pad)



Paul D. Baldridge  
GOHSEP Alternate & Improved Projects Team Witt Associates Baton Rouge RFO  
(713) 530-3660 (Mobile)  
(225) 334-7711 (Fax)  
paul.baldridge@associates.dhs.gov  
pbaldridge@staff.jlwitt.com

-----Original Message-----

From: Crabb, Billy (OGA) [mailto:Billy.Crabb@associates.fema.dhs.gov]  
Sent: Wednesday, December 28, 2011 09:26  
To: 'Baldridge, Paul'  
Subject: FW: Greater Lafourche Port Commission - Fourchon Beach Shoreline Protection AI 1662

Paul I believe this is some of the information we were needing from Greater Lafourche Port Com.

Thanks,  
Billy

-----Original Message-----

From: Chett Chiasson [mailto:chettc@portfourchon.com]  
Sent: Thursday, December 22, 2011 08:06  
To: Crabb, Billy (OGA); Lauren.Brumfield@LA.GOV  
Subject: FW: Greater Lafourche Port Commission - Fourchon Beach Shoreline Protection AI 1662

Let me know if you have any questions.

This is in response to question #2 below.

Thanks,  
Chett

Chett C. Chiasson, MPA  
Executive Director  
Greater Lafourche Port Commission  
phone: 985-632-6701  
fax: 985-632-6703  
chettc@portfourchon.com  
www.portfourchon.com

-----Original Message-----

From: Serena Bruce  
Sent: Monday, December 19, 2011 10:55 AM  
To: Chett Chiasson  
Subject: RE: Greater Lafourche Port Commission - Fourchon Beach Shoreline Protection AI 1662

Attached are the Beach permits from Corp and DNR with extensions to Forward to Gohsep/FEMA.

Thanks,  
Serena L. Bruce  
Legal/Projects Assistant  
Greater Lafourche Port Commission

P.O. Box 490  
Galliano, LA 70354  
serenab@portfourchon.com  
Phone (985) 632-1108  
Fax (985) 632-5234

-----Original Message-----

From: Chett Chiasson  
Sent: Thursday, December 15, 2011 10:25 AM  
To: Serena Bruce  
Cc: Bryce Autin; Joe Picciola  
Subject: RE: Greater Lafourche Port Commission - Fourchon Beach Shoreline Protection AI 1662

Ok,

Get the permits together. Billy says in the email "NEPA information if applicable", so we won't worry about that. Bryce and Joe will have to help us on question number three.

Thanks,  
Chett

Chett C. Chiasson, MPA  
Executive Director  
Greater Lafourche Port Commission  
phone: 985-632-6701  
fax: 985-632-6703  
chettc@portfourchon.com  
www.portfourchon.com

-----Original Message-----

From: Serena Bruce  
Sent: Thursday, December 15, 2011 10:04 AM  
To: Chett Chiasson  
Subject: RE: Greater Lafourche Port Commission - Fourchon Beach Shoreline Protection AI 1662

No b/c I wasn't sure exactly what you wanted to send.  
I could look up the permits listed but then I held up b/c of the statement of "NEPA review"  
Just let me know what you want me to send.

Thanks,  
Serena L. Bruce  
Legal/Projects Assistant  
Greater Lafourche Port Commission  
P.O. Box 490  
Galliano, LA 70354  
serenab@portfourchon.com  
Phone (985) 632-1108  
Fax (985) 632-5234

-----Original Message-----

From: Chett Chiasson  
Sent: Thursday, December 15, 2011 9:56 AM  
To: Serena Bruce  
Subject: FW: Greater Lafourche Port Commission - Fourchon Beach Shoreline Protection AI 1662

**From** Karl Morgan **Date** Wednesday, November 16, 2011 16:41:16  
**To** Bowen, Odessa (CTR)  
**Cc** Christine Charrier  
**Subject** RE: Fourchon Beach Shoreline Protection - CUP P20090468

Since you sent the request we will respond to the SOV that a permit is needed. P20090468 is that permit and is valid.

---

**From:** Bowen, Odessa (CTR) [mailto:Odessa.Bowen@associates.fema.dhs.gov]  
**Sent:** Wednesday, November 16, 2011 4:35 PM  
**To:** Karl Morgan  
**Cc:** Spann, Tiffany  
**Subject:** RE: Fourchon Beach Shoreline Protection - CUP P20090468

Thanks Karl, I appreciate your prompt response.

Would this serve as your response to the SOV, or is that a separate request that needs to run its course?

Best regards,

Odessa Bowen (CTR)  
NISTAC, Contractor  
Federal Emergency Management Agency  
1 Seine Court  
New Orleans, LA 70114  
(305) 505-8465 (cell)  
(504) 762-2323 (fax)  
[Odessa.Bowen@associates.dhs.gov](mailto:Odessa.Bowen@associates.dhs.gov)

---

**From:** Karl Morgan [mailto:Karl.Morgan@LA.GOV]  
**Sent:** Wednesday, November 16, 2011 4:31 PM  
**To:** Bowen, Odessa (CTR)  
**Subject:** RE: Fourchon Beach Shoreline Protection - CUP P20090468

Odessa,

Attached is the document and the plats. Let me know if you need anything else. It is available on our on-line system.

Karl Morgan  
Administrator, Permits & Mitigation Division  
225-342-6470

---

**From:** Bowen, Odessa (CTR) [mailto:Odessa.Bowen@associates.fema.dhs.gov]  
**Sent:** Wednesday, November 16, 2011 3:01 PM  
**To:** Karl Morgan  
**Cc:** Spann, Tiffany  
**Subject:** Fourchon Beach Shoreline Protection - CUP P20090468

Hi Karl,

I just sent a Solicitation of Views to you for the above referenced project. Previous correspondence for this project indicates that CUP P20090468 is attached to it. May I have a copy of this permit?

Your attention to this request is greatly appreciated. Please don't hesitate to contact me if you have any questions.

Best regards,

Odessa Bowen (CTR)  
NISTAC, Contractor  
Federal Emergency Management Agency  
1 Seine Court  
New Orleans, LA 70114  
(305) 505-8465 (cell)  
(504) 762-2323 (fax)  
[Odessa.Bowen@associates.dhs.gov](mailto:Odessa.Bowen@associates.dhs.gov)

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**From** Powell, Amy E MVN **Date** Friday, November 18, 2011 16:19:55  
**To** Duke, Ronnie W MVN  
**Cc** Bowen, Odessa (CTR)  
**Subject** FW: Fourchon Beach Shoreline Protection - USACE Permit MVN 2009-01247 WW (UNCLASSIFIED)

Classification: UNCLASSIFIED  
Caveats: NONE

Ronnie,  
Can you provide Ms. Bowen with the permit subject above?

Thanks,  
AMY

-----Original Message-----

From: Bowen, Odessa (CTR) [<mailto:Odessa.Bowen@associates.fema.dhs.gov>]  
Sent: Wednesday, November 16, 2011 2:57 PM  
To: Powell, Amy E MVN  
Cc: Spann, Tiffany  
Subject: Fourchon Beach Shoreline Protection - USACE Permit MVN 2009-01247 WW

Hi Amy,

I just sent a Solicitation of Views to you for the above referenced project.  
Previous correspondence for this project indicates that USACE permit MVN 2009-01247 WW is attached to it. May I have a copy of this permit?

Your attention to this request is greatly appreciated. Please don't hesitate to contact me if you have any questions.

Best regards,

Odessa Bowen (CTR)

NISTAC, Contractor

Federal Emergency Management Agency

1 Seine Court

New Orleans, LA 70114

(305) 505-8465 (cell)

(504) 762-2323 (fax)

[Odessa.Bowen@associates.dhs.gov](mailto:Odessa.Bowen@associates.dhs.gov) <<mailto:Odessa.Bowen@associates.dhs.gov>>

Classification: UNCLASSIFIED  
Caveats: NONE



**From** Bowen, Odessa (CTR) **Date** Wednesday, November 23, 2011 10:21:00  
**To** Joe Picciola  
**Cc** Chett Chiasson; Bryce Autin; Archie P. Chaisson; Spann, Tiffany  
**Subject** RE: Fourchon Beach Shoreline - P20111525

Mr. Picciola,

I apologize for the delay in responding to your email, and I thank you for the permit copies.

I'd greatly appreciate any other documentation you may have regarding this project, especially as it pertains to coordination with the Parish National Flood Insurance Program (NFIP) Administrator or other State/Federal agencies.

Have a wonderful Thanksgiving holiday,

Odessa Bowen (CTR)  
NISTAC, Contractor  
Federal Emergency Management Agency  
1 Seine Court  
New Orleans, LA 70114  
(305) 505-8465 (cell)  
(504) 762-2323 (fax)  
[Odessa.Bowen@associates.dhs.gov](mailto:Odessa.Bowen@associates.dhs.gov)

---

**From:** Joe Picciola [<mailto:joe@picciola.com>]  
**Sent:** Monday, November 21, 2011 12:24 PM  
**To:** [odessa.bowen@associates.dhs.gov](mailto:odessa.bowen@associates.dhs.gov)  
**Cc:** Chett Chiasson; Bryce Autin; Archie P. Chaisson  
**Subject:** Fourchon Beach Shoreline - P20111525

Ms. Bowen,

My name is Joseph C. Picciola, II of Picciola & Associates, Inc. and I am a consultant to the Greater Lafourche Port Commission on this project.

I have been notified that you have put the project out on public notice for a Scoping Notification/Solicitation of Views. Please note that the project already has been permitted by the Louisiana State OCPR, DEQ and the USACE. I have attached the permits for your information.

I hope this helps and if you have any questions or require further information please call or email.

Thanks.

Joseph C. Picciola II, P.E., P.L.S.

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**From** Young, Joe F (CTR) **Date** Monday, November 28, 2011 16:36:59  
**To** Owens, Daphne (CTR)  
**Cc** Emery, Jason; Bowen, Odessa (CTR); Spann, Tiffany; Whitehurst, DennisG (CTR)  
**Subject** RE: AI 1662, Fourchon Beach Shoreline Protection

Thanks, Daphne for the helpful information. I will let you know what I learn from the PAC and the SAL.

Regards,

Joe F. Young (CTR)  
Fluor Contractor  
Federal Emergency Management Agency  
Louisiana Recovery Office  
1 Seine Ct  
New Orleans, La, 70114

Cell: 703-463-1498  
Fax: 504-762-2381

**From:** Owens, Daphne (CTR)  
**Sent:** Monday, November 28, 2011 2:59 PM  
**To:** Young, Joe F (CTR)  
**Cc:** Emery, Jason; Bowen, Odessa (CTR); Spann, Tiffany; Whitehurst, DennisG (CTR)  
**Subject:** AI 1662, Fourchon Beach Shoreline Protection

Joe,

Thanks for taking a moment to discuss the above project with me. I am interested to hear what you find out concerning the overlap between this project and the beach renourishment project proposed by Coastal Protection and Restoration Authority (CPRA) of the State of Louisiana. As discussed, the State Archaeologist believes the renourishment area will encompass the project area for AI 1662. When you are able to collect additional information concerning the relationship between the projects, please relay the information to Odessa Bowen and myself as we continue to move forward with the environmental clearances.

Thanks again.

Daphne L. Owens (CTR)  
HP Archaeologist  
FLUOR, Contractor  
Federal Emergency Management Agency  
1 Seine Court  
New Orleans, LA 70114  
(504) 762-2235  
(843) 986-4100 cell  
email: [daphne.owens@associates.dhs.gov](mailto:daphne.owens@associates.dhs.gov)

**Appendix C**  
**Floodplain and Wetlands**  
**8-Step Planning Document**

DRAFT

**GREATER LAFOURCHE PORT COMMISSION  
FOURCHON BEACH SHORELINE PROTECTION  
Executive Order 11988 – Floodplain Management  
Eight-Step Decision Making Process**

**Date: 9/19/2012**

**Prepared by: Odessa Bowen, CFM, Floodplain Specialist**

Executive Order 11988 (Floodplain Management) requires federal agencies “to avoid to the extent possible the long and short term adverse impacts associated with the occupancy and modification of the floodplain and to avoid direct or indirect support of floodplain development wherever there is a practicable alternative.” FEMA’s implementing regulations are at 44 CFR Part 9, which includes an eight step decision making process for compliance with this part.

This eight step process is applied to the proposed Fourchon Beach Shoreline Protection project. The project is to construct and install a 5,500 linear feet Geotube System that will consist of placing pre-fabricated geo-synthetic tubes filled with sand that will be located directly behind and on the same alignment as the existing damaged “boudin bags”. In addition, staging activities will occur within the right-of-way at the end of A.O. Rappelet Road, adjacent to the beach and at the end of an unimproved access road to the west off of Chevron Road (also adjacent to the beach). Sand for the filling of the geotubes and backfilling around the structures - once they are installed - will be brought to the location by the Contractor. The proposed project site lies within a special flood hazard area zones VE (EL 17) (1% annual chance flood area, 100-year floodplain, base flood elevation [BFE] determined, coastal high hazard velocity zone). The steps in the decision making process are as follows:

**Step 1: Determine if the proposed action is located in the Base Floodplain**

The Fourchon Beach Shoreline Protection involves the construction and installation of a 5,500 linear feet Geotube System that will consist of placing pre-fabricated geo-synthetic tubes filled with sand located directly behind and on the same alignment as the existing damaged “boudin bags”, which is located within the 100 year floodplain. The Fourchon Beach Shoreline Protection project, per Preliminary Digital Flood Insurance Rate Map (DFIRM) Panel #22057C1000E, dated July 30, 2008, is located within an “VE” (El 17), Special Flood Hazard Area (SFHA) subject to inundation by the 1% annual chance flood area, 100-year floodplain, base flood elevation [BFE] determined, coastal high hazard velocity zone. The floodplain in relation to the Fourchon Beach Shoreline Protection project is depicted on Figures 12 & 13 of the Environmental Assessment (EA). The project site is not located in a regulated floodway, but is located in an area of coastal flooding with primary flood hazards associated with tidal storm surge and associated waves. Tides can intrude into the nearby areas of the proposed action and water levels in past floods have been documented in excess of 20 feet above the land surface elevation. A review of the U.S. Fish and Wildlife National Wetland Inventory indicates the proposed site is within a mapped wetland and U.S. waters. Proposed activities likely have the potential to affect wetlands by contributing to sedimentation and intrusion by equipment and activities associated with site construction.

## **Step 2: Early public notice (Preliminary Notice)**

In general, FEMA has an obligation to provide adequate information to enable the public to have impact on the decision outcome for all action having the potential to affect, adversely, or be affected by floodplains or wetlands that it proposes. FEMA shall provide the public with adequate information and opportunity for review and comment at the earliest possible time and throughout the decision-making process; and upon completion of this process, provide the public with an accounting of its final decision (see §9.12). A Cumulative Initial Public Notice was published statewide 11/7/2005 – 11/9/2005. Additional public notice shall be provided as required by the Executive Order.

Furthermore, an EA has been drafted to determine if the construction of the Fourchon Beach Shoreline Protection project, as described, will have the potential for significant adverse effects on the quality of the human and natural environment. The results of the investigation are being used to make a decision whether to initiate preparation of an Environmental Impact Statement (EIS) or to prepare a Finding of No Significant Impact (FONSI). The availability of the Draft EA will be published for five days in the paper of record, *The Daily Comet* announcing the availability of the Draft EA for public review at the Lafourche Parish Public Library Golden Meadow Branch at 1403 North Bayou Drive, Golden Meadow, LA 70357-2513, (hours are 10 a.m. - 6 p.m., Mon. - Thurs., 9 a.m. - 5 p.m. Fri.). A 15 day comment period will follow the public notice publication.

## **Step 3: Identify and evaluate alternatives to locating in the base floodplain.**

The Geotube system provides beach protection and erosion control functions to the local community, which depends on the location of the resource and proper construction to meet its needs effectively. In order to meet these needs, it is imperative that the facility be “local” to area intended for coastal defense. This beach protection and erosion control facility is “functionally dependent” upon its proximity to water, and there is no practicable alternative outside the floodplain.

- **Alternative 1 (No Action):** Implementation of the No Action Alternative would entail no construction or replacement of the “boudin bags” damaged by Hurricane Katrina and exacerbated by Hurricane Ike. Consequently, the benefits of the upcoming Caminada Headland Beach and Dune Restoration project sponsored by the State of Louisiana would be diminished by the degraded state of the “boudin bags”, as the area could be further damaged by high-frequency storm events. The community would be deprived of the economic recompense granted in the original project funding. No Action would forego opportunities to expand marshes, create essential fish habitat, and reduce storm surge risk.
- **Alternative 2 (Proposed Action):** GLPC seeks FEMA PA federal grant funds for an improved project to construct a 5,500 LF Geotube System located directly behind and on same alignment as existing “boudin bags”. The “boudin bags” primary function was to prevent erosion and protect Port Fourchon. Construction of the beach erosion control facility has been

chosen by GLPC as the desired practicable alternative because the current structure has been damaged to a state that is too difficult to repair. In addition, the project will extend protection eastward from the existing geotubes (approximately at the eastern end of the breakwaters) to the eastern end of Bay Champagne. It is intended to restore lost wetlands, trap sediment, reduce open water fetch, and provide improved essential fish habitat.

- **Alternative 3 (Replace eroded sand fill and damaged top and center bags):** This alternative would repair the damaged “boudin bags” beach erosion control facility at the original site to pre-disaster configuration, function, and capacity. Placement of new materials on the site would be necessary to complete the reconstruction. The facility would be constructed within the respective original footprint and would include replenishing lost sand and replacing the destroyed “boudin bags”.

This alternative meets the purpose and need of the proposed action; however, due to the logistics of repairing and replacing the “boudin bags”, community leaders have determined the alternative to replace the facility at the original site is not practicable, desirable, or feasible. Construction of the new Geotube System with the same alignment as the existing “boudin bags” has been determined by the applicant and GOHSEP to be a practicable option because it is a viable alternative that is economically feasible, socially acceptable, and has been determined by the community leaders to meet their needs and serve the best interests of the community.

#### **Step 4: Identify impacts of proposed action associated with occupancy or modification of the floodplain.**

##### Impact on Natural Function of the Floodplain/Impact of the Flood Water on the Proposed Facility

In compliance with FEMA policy implementing EO 11988, Floodplain Management, the proposed project was reviewed for possible impacts associated with occupancy or modification to a floodplain. The Fourchon Beach Shoreline Protection project would not likely affect the functions and values of the 100-year floodplain as the structure would not impede or redirect flood flows. This proposed project enables GLPC to rebuild in an area that has been identified for coastal flood defense and wetlands restoration. Siting of the facility within the floodplain near the shoreline restores beneficial floodplain values such as natural flood and erosion control, enhancement of biological productivity and diversity, and the societal benefits of food production, and recreational opportunities.

#### **Step 5: Design or modify the proposed action to minimize threats to life and property and preserve its natural and beneficial floodplain values**

New construction must be compliant with current codes and standards. GLPC is required to coordinate with the local floodplain administrator regarding floodplain permit(s) prior to the start of any activities.



### **Step 6: Re-evaluate the proposed action**

The proposed action is the chosen practicable alternative based upon a review of possible adverse effects on the floodplain, the inclusion of measures to mitigate and minimize harm from floods, and community socioeconomic expectations. The proposed project is not likely to have an adverse effect on the floodplain, and will not facilitate development in the floodplain to any greater degree than non-floodplain areas of the community. The proposed project is not likely to aggravate the current flood hazard because the facility is not likely to impede or redirect flood flows. The project is not likely to disrupt floodplain values because it is not likely to change water levels in the floodplain, and will not reduce habitat in the floodplain. Therefore, it is still practicable to construct the proposed project within the floodplain.

### **Step 7: Findings and Public Explanation (Final Notification)**

Construction of the new Geotube System with the same alignment as the existing “boudin bags” in the floodplain has been determined to be a practicable alternative with significant benefits to the community. This review and analysis of this proposed action was documented through the required 8-step public participation and decision-making process. A NEPA EA is being drafted that includes a Solicitation of Views from potentially affected parties and a public notice was prepared and advertised that presented these findings (Public Notice attached herein). After evaluating alternatives, including impacts and mitigation opportunities, FEMA has determined that the proposed project is the most practicable alternative.

### **Step 8: Implement the action**

The proposed Fourchon Beach Shoreline Protection project will be constructed in accordance with applicable floodplain development requirements. Project shall be reviewed by FEMA at grant closeout to ensure the project was completed in accordance with all relevant and applicable floodplain ordinances, codes and standards and that all project actions were undertaken in accordance with terms and conditions stipulated to mitigate and minimize adverse effects in or to the floodplain and wetlands.

## **Appendix D**

### **Public Notice**

DRAFT

**FEMA PUBLIC NOTICE OF AVAILABILITY  
DRAFT ENVIRONMENTAL ASSESSMENT AND  
DRAFT FINDING OF NO SIGNIFICANT IMPACT  
FOR  
FOURCHON BEACH SHORELINE PROTECTION  
LAFOURCHE PARISH, LOUISIANA**

Interested parties are hereby notified that the Federal Emergency Management Agency (FEMA) prepared a Draft Environmental Assessment (EA) for a proposed construction and installation of pre-fabricated geo-synthetic tubes (Geotubes) filled with sand to protect the shoreline at Fourchon Beach in Lafourche Parish, Louisiana (latitude 29.10314/longitude -90.18710). The Fourchon Beach original shoreline protection consisted of “boudin bags” filled with concrete and goby mats. FEMA determined that the restoration should replace sand fill that eroded, as well as replace the top bags and center bags that were damaged. The proposed project would place Geotubes directly behind and on the same alignment as the existing damaged “boudin bags”, along the 5,500 linear feet of damaged beach.

The Greater Lafourche Port Commission seeks federal grant funds for this action eligible under a Presidential Disaster Declaration (FEMA-1603-DR-LA Hurricane Katrina). Per the National Environmental Policy Act (42 U.S.C. 4371 *et seq.*), and associated environmental statutes, a Draft EA has been prepared to evaluate the action’s potential impacts on the human and natural environment. This Draft EA summarizes the purpose and need, site selection process, affected environment, and potential environmental consequences associated with the proposed action.

The Draft EA and Draft Finding of No Significant Impact (FONSI) are available for review at the Lafourche Parish Public Library - Golden Meadow Branch, located at 1403 North Bayou Drive, Golden Meadow, LA 70357-2513, from November 12, 2012 through November 26, 2012. The branch hours of operation are from 10:00 a.m. to 6:00 p.m., Monday through Thursday, and 9:00 a.m. to 5:00 p.m. Friday. Additionally, a public notice regarding the proposed action will be published in the Daily Comet newspaper for 5 consecutive days: November 12-16, 2012. The comment period will be fifteen (15) days, beginning on November 12, 2012 and concluding November 26, 2012. Written comments on the Draft EA or related matters can be faxed to FEMA’s Louisiana Recovery Office at (504) 762-2323; or mailed to FEMA Louisiana Recovery Office, EHP - Fourchon Beach Shoreline Protection EA, 1 Seine Court, New Orleans, Louisiana 70114. The Draft EA can be viewed and downloaded from FEMA’s website: <http://coop.fema.gov/plan/ehp/envdocuments/ea-region6.shtm>.

Based on FEMA’s findings to date, no significant adverse environmental effects are anticipated. However, if FEMA receives new information that results in a change from no adverse effects then FEMA would revise the findings and issue a second public notice allowing time for additional comments.

If no substantive comments are received, the Draft EA and associated Draft FONSI will become final and this initial Public Notice will also serve as the final Public Notice. Substantive comments will be addressed as appropriate in the final documents.

## **Appendix E**

### **Site Construction Plans**

**Please see scanned documents in pdf version**

DRAFT

E:\09-DIR\0100902 GLPC - Caminada Beach Restoration\ACAD\CURRENT\PROJECT PLAN\_3-24-10\_LATEST\01-SHEET\_TITLE.dwg, Layout1, 8/4/2011 3:44:37 PM, lee

# GREATER LAFOURCHE PORT COMMISSION



## EMERGENCY BEACH REHABILITATION PHASE I

### INDEX TO SHEETS:

SHEET NO.	DESCRIPTION:
1	TITLE SHEET
2	STATE AND LOCAL VICINITY MAPS, ESTIMATED QUANTITIES
3	OVERALL SITE PLAN
4	PROJECT DESIGNATION PLAN
5	TYPICAL GEOTUBE SECTIONS AND DETAILS
6-10	PLAN AND CENTERLINE PROFILE—STA. 100+00 TO STA. 155+00
11-16	CROSS SECTIONS—STA. 100+00 TO STA. 155+00

TOTAL NO. OF SHEETS 16

REVISIONS:	
DATE	REVISION

### INSPECTION TOWER:

CONTRACTOR SHALL BE RESPONSIBLE TO CONSTRUCT TOWER(S) TO ALLOW FOR INSPECTION OF TRUCKS DURING SAND DELIVERY TO VERIFY SAND QUANTITIES. REFERENCE PROJECT SPECS FOR MORE INFORMATION.

### TYPE OF CONSTRUCTION:

EXCAVATION AND EMBANKMENT  
SLURRY PUMPING  
GEOTUBE REVETMENT

### LICENSE REQUIRED:

HEAVY CONSTRUCTION

### GENERAL NOTES:

1. VERTICAL AND HORIZONTAL CONTROL BASED ON H&D 63/NAVD, 88 EPOCH 2006.81 DATA.
2. CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF ALL UTILITIES 48 HOURS PRIOR TO COMMENCING WORK. 811 (FORMERLY LOUISIANA ONE CALL) SHALL BE CONTACTED PRIOR TO COMMENCING WORK.
3. THE 2006 EDITION OF LOUISIANA DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, AS AMENDED BY THE PROJECT SPECIFICATIONS, SHALL GOVERN THIS PROJECT.

## PRELIMINARY



PICCIOLA & ASSOCIATES, INC.

CIVIL ENGINEERS  
LAND SURVEYORS

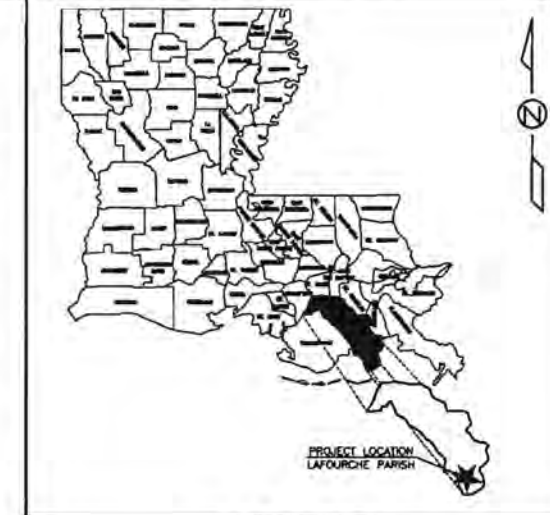
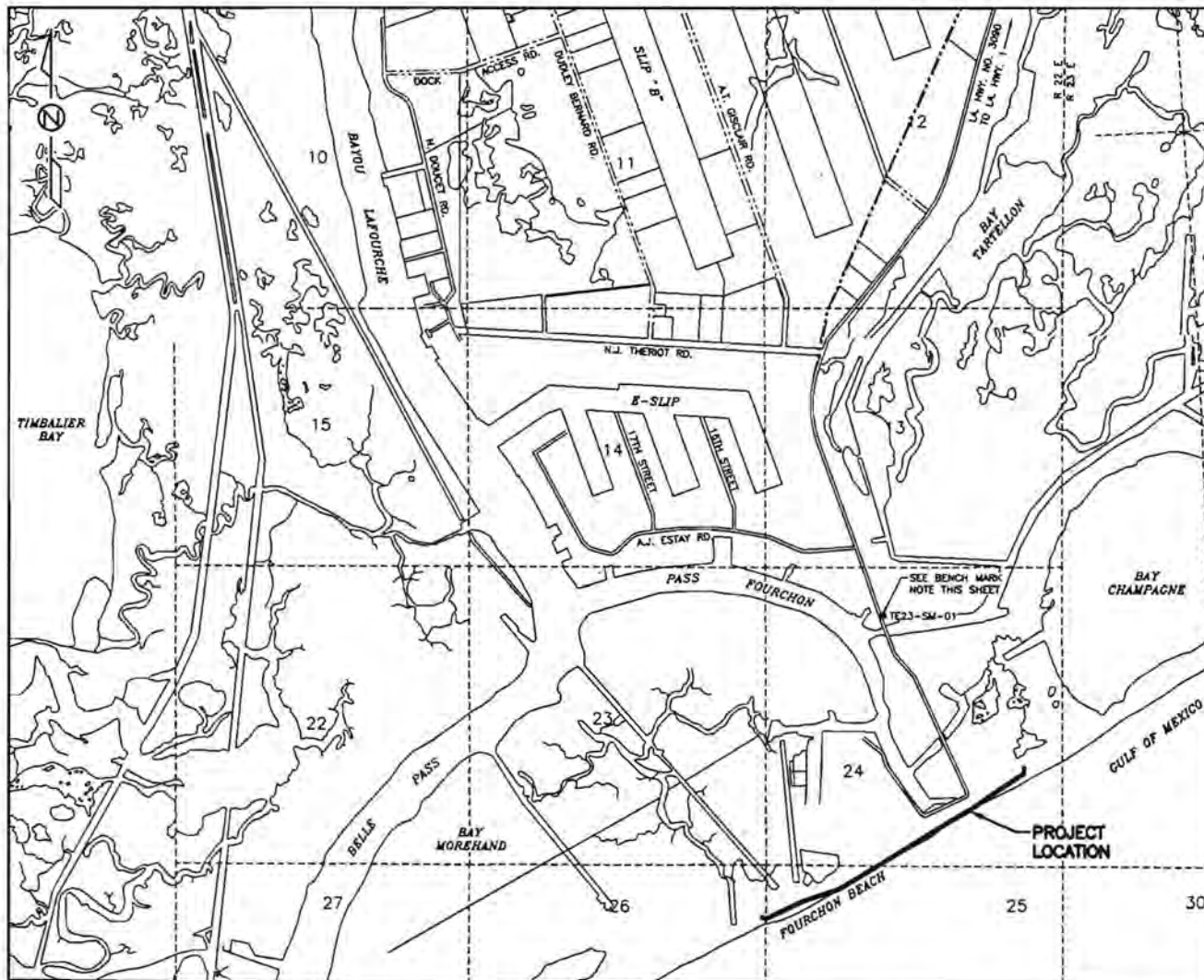
NAVAL ARCHITECTS  
MARINE ENGINEERS

P.O. BOX, 687  
CUT OFF, LOUISIANA 70345  
(985) 632-5765

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
JOSEPH C. PICCIOLA, P.E.  
CIVIL ENGINEERING  
LA LICENSE NO. 25614

SHEET NO. 1 OF 16

SET NO. \_\_\_\_



STATE VICINITY MAP  
NOT TO SCALE

SUMMARY OF ESTIMATED QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	1
303-05	DITCHING AND DRAINAGE	LUMP SUM	1
1723-02	GRAVELLY MATERIAL (VOLUMETRIC MEASUREMENT)	CY. YD.	137,000
777-01	MOBILIZATION	LUMP SUM	1
740-01	CONSTRUCTION LAYOUT	LUMP SUM	1
2 S-001	DEBRIS CONTAINERS, SCOUR APRON & ANCHOR TUBES (INCLUDING SAND FILL)	LIN. FT.	3,500

QUANTITY NOTES:

- QUANTITY REFLECTS APPROXIMATE VOLUME OF GRAVELLY MATERIAL REQUIRED TO ACHIEVE DESIGN GRADE FOR BEACH FILL.
- QUANTITY INCLUDES PURCHASING, PLACEMENT, SAND FILL, FILLING PROCESSES, AND DE-WATERING OF DEBRIS CONTAINERS, ANCHOR TUBES, AND SCOUR APRON AS PER MANUFACTURER SPECIFICATIONS. (QUANTITY DOES NOT REFLECT THE 5' MINIMUM LAP OF THE SCOUR APRON)

BENCH MARKS:

VERTICAL AND HORIZONTAL CONTROL BASED ON NAD 83/NAVD 88 EPOCH 2008.81.  
PRIMARY MONUMENT USED: "TE23-SM-01", X=3,645,868.86, Y=224,286.26, Z=7.8 NAVD.

GENERAL NOTES:

- CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF ALL BURIED OIL/GAS PIPELINES AND UTILITY LINES PRIOR TO ANY DITCHING. 811 (LOUISIANA ONE CALL) SHALL BE CONTACTED PRIOR TO COMMENCING WORK.

PRELIMINARY

LOCAL VICINITY MAP  
SCALE: 1" = 1000'

DRAWING PLOTTED  
AT HALF-SCALE

JUL 2010-0002

REVISIONS:	DATE:	REMARKS:

STAMP:



PICCIOLA & ASSOCIATES, INC.  
CIVIL ENGINEERS  
LAFAYETTE, LOUISIANA  
P.O. BOX 687  
ONE CITY LOUISIANA 70546  
(504) 832-5786

SERVICES BY: J.C.P. DRAWN BY: L.J.C. CHECKED BY: N.Y.C.

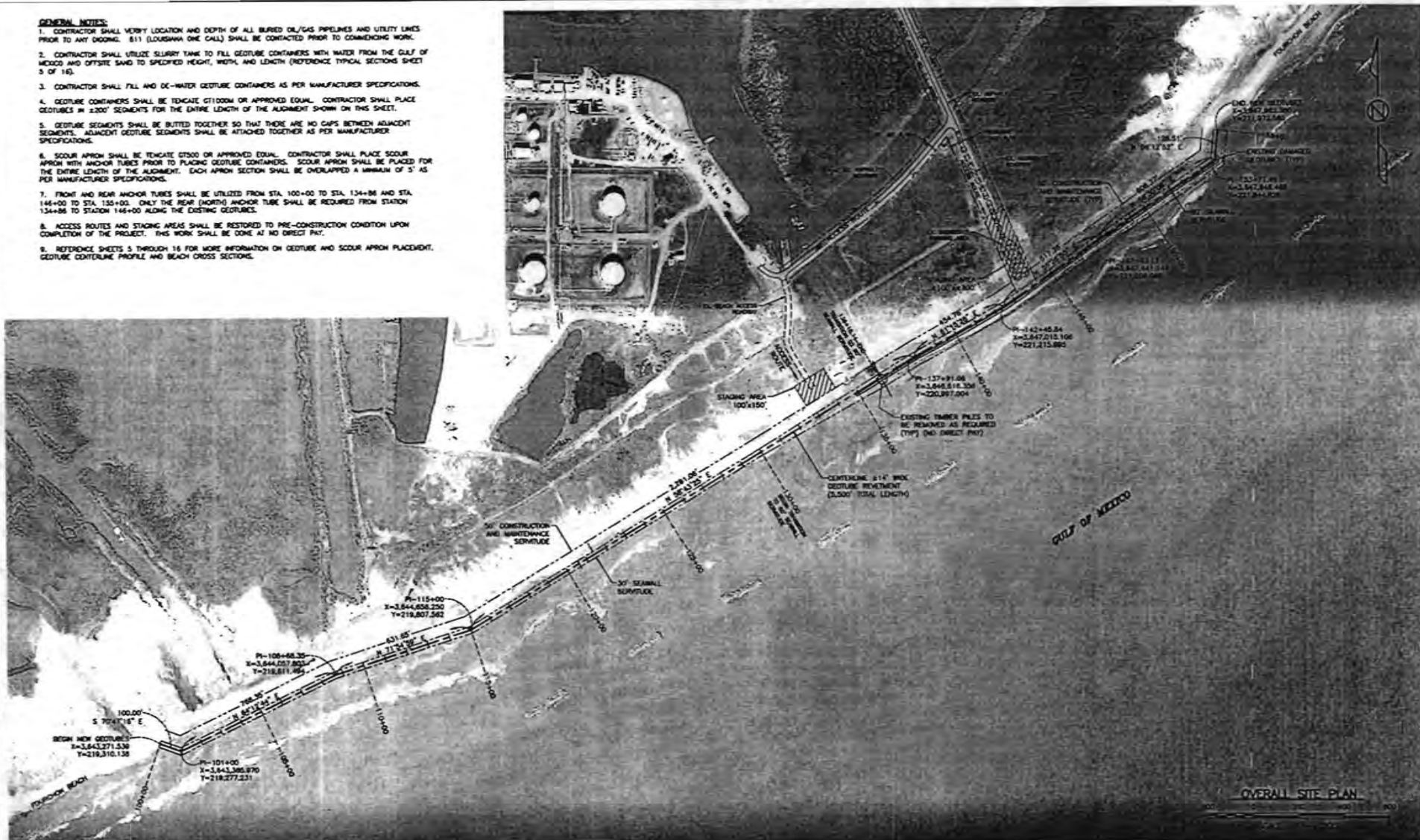
DATE: MARCH 24, 2010  
SCALE: AS SHOWN

GREATER LAFOURCHE PORT COMMISSION  
EMERGENCY BEACH REHABILITATION-PHASE I  
STATE AND LOCAL VICINITY MAPS, SUMMARY OF ESTIMATED QUANTITIES  
PORT FOURCHON, LA LAFOURCHE PARISH

SHEET NO.  
2 OF 16

**GENERAL NOTES:**

1. CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF ALL BURIED OIL/GAS PIPELINES AND UTILITY LINES PRIOR TO ANY DIGGING. 8-11 (LOUISIANA ONE CALL) SHALL BE CONTACTED PRIOR TO COMMENCING WORK.
2. CONTRACTOR SHALL UTILIZE SLURRY TANK TO FILL GEOTUBE CONTAINERS WITH WATER FROM THE GULF OF MEXICO AND OFFSITE SAND TO SPECIFIED HEIGHT, WIDTH, AND LENGTH (REFERENCE TYPICAL SECTIONS SHEET 5 OF 16).
3. CONTRACTOR SHALL FILL AND DE-WATER GEOTUBE CONTAINERS AS PER MANUFACTURER SPECIFICATIONS.
4. GEOTUBE CONTAINERS SHALL BE TENGATE GT1000M OR APPROVED EQUAL. CONTRACTOR SHALL PLACE GEOTUBES IN 3'00" SEGMENTS FOR THE ENTIRE LENGTH OF THE ALIGNMENT SHOWN ON THIS SHEET.
5. GEOTUBE SEGMENTS SHALL BE BUTTED TOGETHER SO THAT THERE ARE NO GAPS BETWEEN ADJACENT SEGMENTS. ADJACENT GEOTUBE SEGMENTS SHALL BE ATTACHED TOGETHER AS PER MANUFACTURER SPECIFICATIONS.
6. SCOUR APRON SHALL BE TENGATE GT500 OR APPROVED EQUAL. CONTRACTOR SHALL PLACE SCOUR APRON WITH ANCHOR TUBES PRIOR TO PLACING GEOTUBE CONTAINERS. SCOUR APRON SHALL BE PLACED FOR THE ENTIRE LENGTH OF THE ALIGNMENT. EACH APRON SECTION SHALL BE OVERLAPPED A MINIMUM OF 5' AS PER MANUFACTURER SPECIFICATIONS.
7. FRONT AND REAR ANCHOR TUBES SHALL BE UTILIZED FROM STA. 100+00 TO STA. 134+86 AND STA. 146+00 TO STA. 155+00. ONLY THE REAR (NORTH) ANCHOR TUBE SHALL BE REQUIRED FROM STATION 134+86 TO STATION 146+00 ALONG THE EXISTING GEOTUBES.
8. ACCESS ROUTES AND STAGING AREAS SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION UPON COMPLETION OF THE PROJECT. THIS WORK SHALL BE DONE AT NO DIRECT PNT.
9. REFERENCE SHEETS 5 THROUGH 16 FOR MORE INFORMATION ON GEOTUBE AND SCOUR APRON PLACEMENT, GEOTUBE CENTERLINE PROFILE AND BEACH CROSS SECTIONS.



SATELLITE IMAGE DATE: 2008

**PRELIMINARY**DRAWING PLOTTED  
AT HALF-SCALE

LA 6010-0002

REVISIONS:	
DATE	REVISION

STAMP:

**PICCIOLA & ASSOCIATES, INC.**

CIVIL ENGINEERS

LAND SURVEYORS

P.O. BOX 687

OUR OFF. LOUISIANA 70346

(504) 632-3700

DESIGNED BY:

J.C.P.

DRAWN BY:

J.C.S.

CHECKED BY:

M.V.G.

DATE:

MARCH 24, 2010

SCALE:

AS SHOWN

**GREATER LAFOURCHE PORT COMMISSION**

EMERGENCY BEACH REHABILITATION-PHASE I

OVERALL SITE PLAN

PORT FOURCHON, LA

LAFOURCHE PARISH

SHEET NO.

3 of 16





SATELLITE IMAGE DATE: 2008

**PRELIMINARY**

DRAWING PLOTTED  
AT HALF-SCALE

LA 0210-2002

REVISIONS:	
DATE	REVISION

STAMP:

**PICCIOLA & ASSOCIATES, INC.**  
CIVIL ENGINEERS  
LAND SURVEYORS  
P.O. BOX 687  
CIVIL OFF. LOUISIANA 70345  
(504) 632-5700

DESIGNED BY:  
J.C.P.

DRAWN BY:  
L.E.E.

CHECKED BY:  
K.V.E.

DATE:  
MARCH 24, 2010

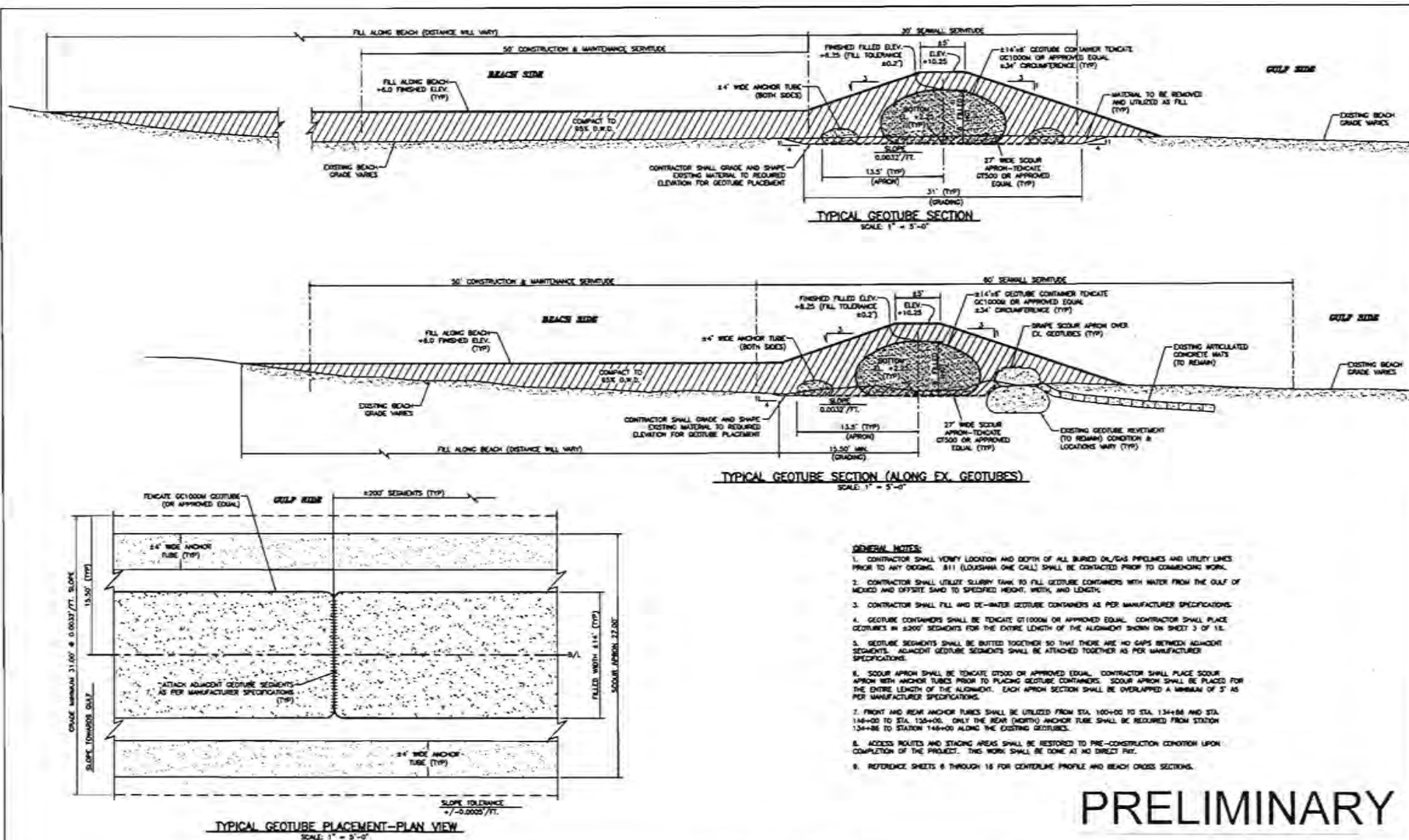
SCALE:  
AS SHOWN

**GREATER LAFOURCHE PORT COMMISSION**


EMERGENCY BEACH RENOVATION-PHASE I  
PROJECT DESIGNATION PLAN  
PORT FOURCHON, LA. LAFOURCHE PARISH

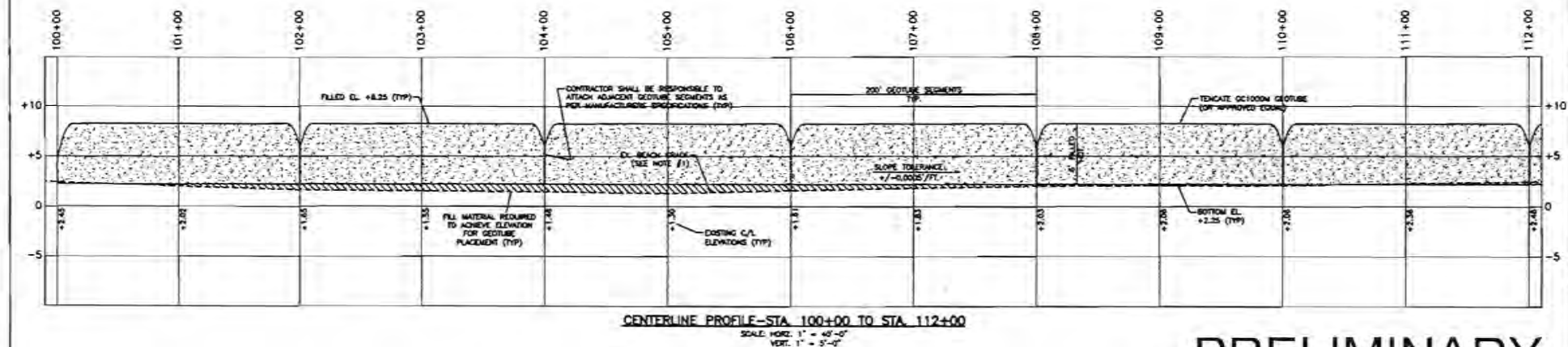
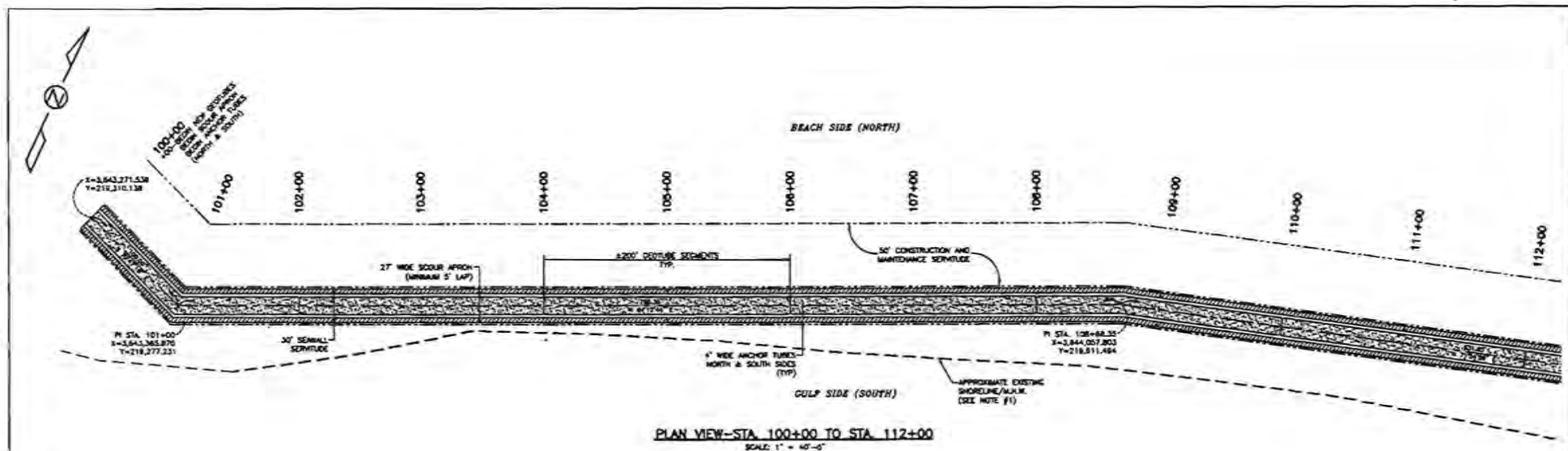
SHEET NO.  
**4 of 16**





PRELIMINARY

<div>DRAWING PLOTTED AT HALF-SCALE</div>	<div>REVISIONS:</div> <table><thead><tr><th>DATE</th><th>REVISION</th></tr></thead><tbody><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></tbody></table>	DATE	REVISION																			<div>STAMP:</div> <div><div><div><div>PICCIOLA &amp; ASSOCIATES, INC.</div><div>CIVIL ENGINEERS      MARINE ARCHITECTS</div><div>LAND SURVEYORS      MARINE ENGINEERS</div><div>P.E. BOB BEY</div><div>OUT OF OFF. LOUISIANA REG. NO. 622-0786</div></div></div><div>DESIGNED BY: J.C.P.      DRAWN BY: L.J.E.      CHECKED BY: M.V.E.</div></div>	<div>DATE:</div> <div>MARCH 24, 2010</div>	<div>GREATER LAFOURCHE PORT COMMISSION</div> <div>EMERGENCY BEACH REHABILITATION-PHASE I</div> <div>TYPICAL GEOTUBE SECTIONS AND PLAN VIEW</div> <div>PORT FOURCHON, LA.      LAFOURCHE PARISH</div>	<div>SHEET NO.</div> <div>5 OF 16</div>
	DATE	REVISION																							
<div>LA 0218-0002</div>	<div>SCALE:</div> <div>AS SHOWN</div>																								



#### NOTES:

1. EXISTING BEACH GRADE AND SHORELINE WERE DERIVED FROM SURVEY BY PICCIOLA & ASSOCIATES, INC. CONDUCTED ON FEBRUARY 14, 2010. SITE CONDITIONS AT THE TIME OF CONSTRUCTION MAY VARY.

# PRELIMINARY

DRAWING PLOTTED AT HALF-SCALE

REVISIONS	STAMP
DATE	
REVISION	



**PICCIOLA & ASSOCIATES, INC.**  
CIVIL ENGINEERS  
LAND ARCHITECTS  
LAND SURVEYORS

P.O. BOX 447  
CUL DE SAC, LOUISIANA 70344  
(504) 533-0100

DESIGNED BY: J.C.P.

CHECKED BY: L.J.C.

APPROVED BY: M.V.C.

DATE: MARCH 24, 2010

SCALE: AS SHOWN

**GREATER LAFOURCHE PORT COMMISSION**

EXTENDED BEACH REHABILITATION-PHASE 1

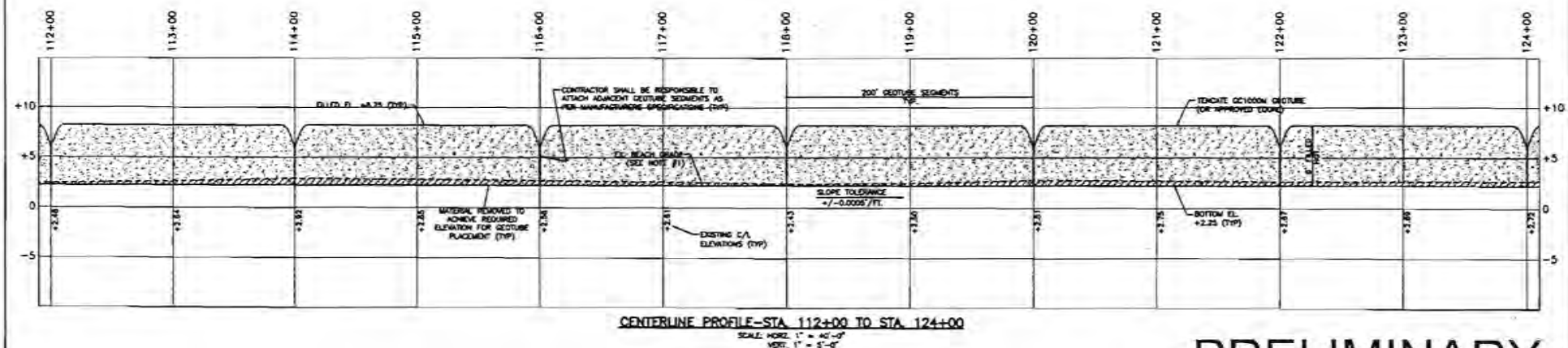
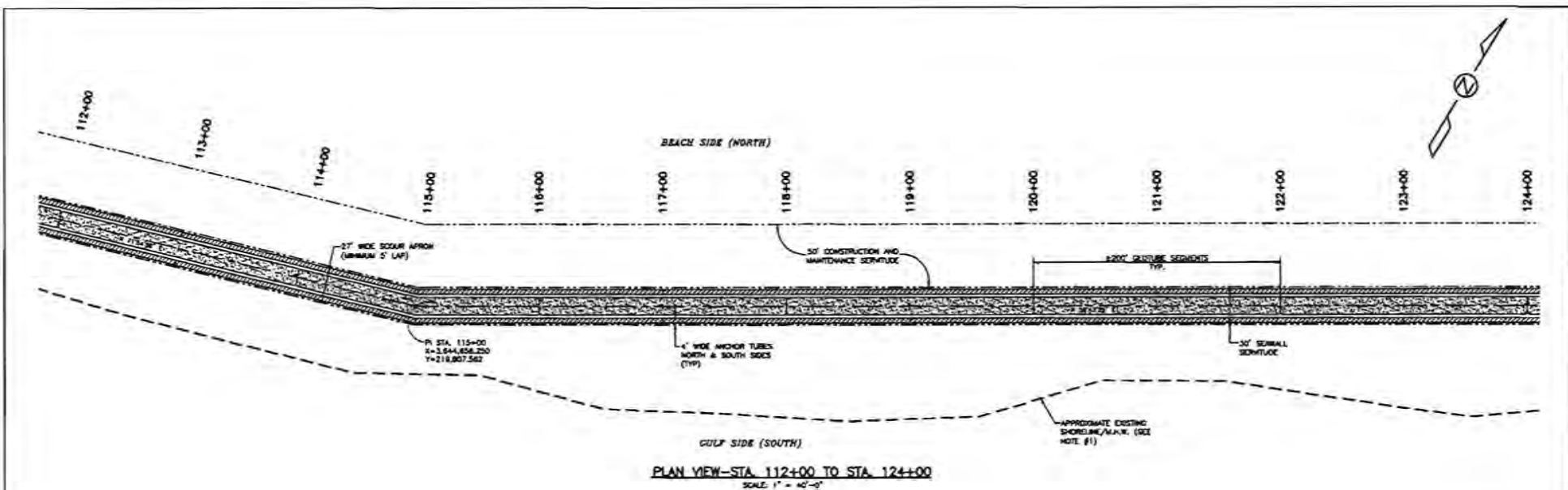
PLAN VIEW AND CENTER LINE PROFILE  
STA. 100+00 TO STA. 112+00

PORT FOURCHON, LA.

LAFOURCHE PARISH

SHEET NO.

6 of 16



NOTES:  
1. EXISTING BEACH GRADE AND SHORELINE WERE OBTAINED FROM SURVEY BY PICCIOLA & ASSOCIATES, INC. CONDUCTED ON FEBRUARY 19, 2010. SITE CONDITIONS AT THE TIME OF CONSTRUCTION MAY VARY.

PRELIMINARY

DRAWING PLOTTED AT HALF-SCALE

REVISIONS:		DATE:	BY:

STAMP:

**PICCIOLA & ASSOCIATES, INC.**  
CIVIL ENGINEERS NATAL ARCHITECTS  
 LAND SURVEYORS PLANNING ENGINEERS

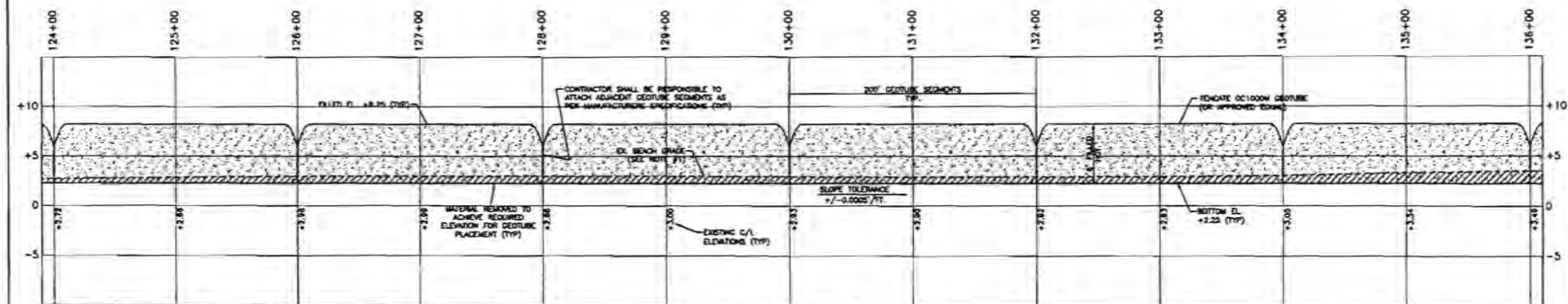
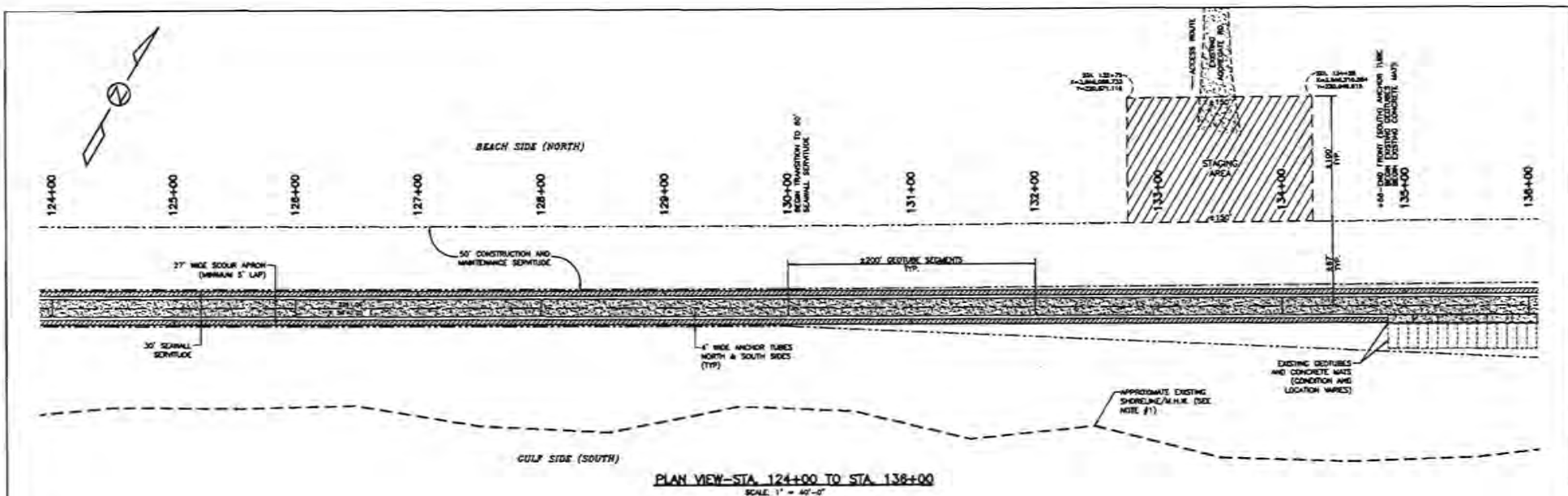
PROJECT BY: J.E.P. DRAWN BY: L.J.C. CHECKED BY: M.V.G.

DATE: MARCH 24, 2010  
 SCALE: AS SHOWN

**GREATER LAFOURCHE PORT COMMISSION**

EMERGENCY BEACH RESTORATION-PHASE I  
 PLAN VIEW AND CENTER LINE PROFILE  
 STA. 112+00 TO STA. 124+00  
 PORT FOURCHON, LA. LAFOURCHE PARISH

SHEET NO. 7 of 18



#### GENERAL NOTES:

- EXISTING BEACH GRADE AND SHORELINE WERE DERIVED FROM SURVEY BY PICCIOLA & ASSOCIATES, INC. CONDUCTED ON FEBRUARY 19, 2010. SITE CONDITIONS AT THE TIME OF CONSTRUCTION MAY VARY.
- FRONT AND REAR ANCHOR TUBES SHALL BE UTILIZED FROM STA. 130+00 TO STA. 134+00 AND STA. 134+00 TO STA. 135+00. ONLY THE REAR (NORTH) ANCHOR TUBE SHALL BE REQUIRED FROM STATION 134+00 TO STATION 140+00 ALONG THE EXISTING GEOTUBES.
- ACCESS ROUTES AND STAGING AREAS SHALL BE REDESIGNED TO PRE-CONSTRUCTION CONDITION UPON COMPLETION OF THE PROJECT. THIS WORK SHALL BE DONE AT NO DIRECT PAY.

#### CENTERLINE PROFILE-STA. 124+00 TO STA. 136+00

SCALE: HORIZ. 1" = 40'-0"  
VERT. 1" = 5'-0"

# PRELIMINARY

DRAWING PLOTTED  
AT HALF-SCALE

L.K. 0216-0002

REVISIONS:	
DATE	REVISION

STAMP:



PICCIOLA & ASSOCIATES, INC.

CIVIL ENGINEERS

LAND SURVEYORS

P.O. BOX 467

OUR CITY, LOUISIANA 70340

(504) 633-5700

DESIGNED BY:

J.C.P.

DRAWN BY:

L.E.E.

CHECKED BY:

M.V.E.

DATE:

MARCH 24, 2010

SCALE:

AS SHOWN

GREATER LAFOURCHE PORT COMMISSION

EMERGENCY BEACH REHABILITATION-PHASE I

PLAN VIEW AND CENTER LINE PROFILE

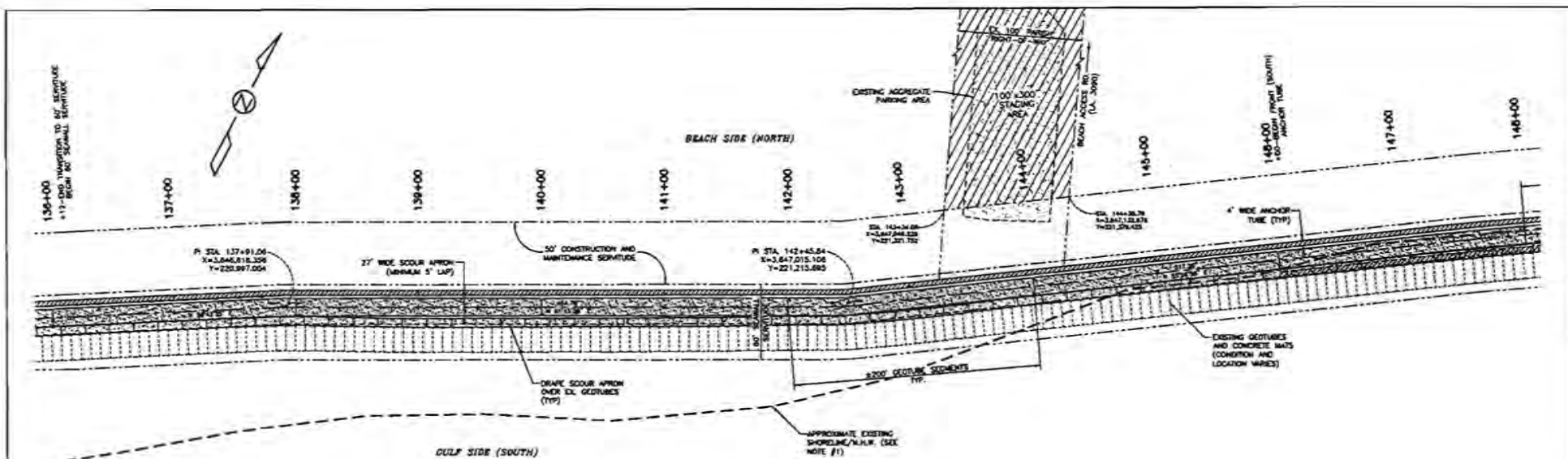
STA. 124+00 TO STA. 136+00

PORT FOURCHON, LA

LAFOURCHE PARISH

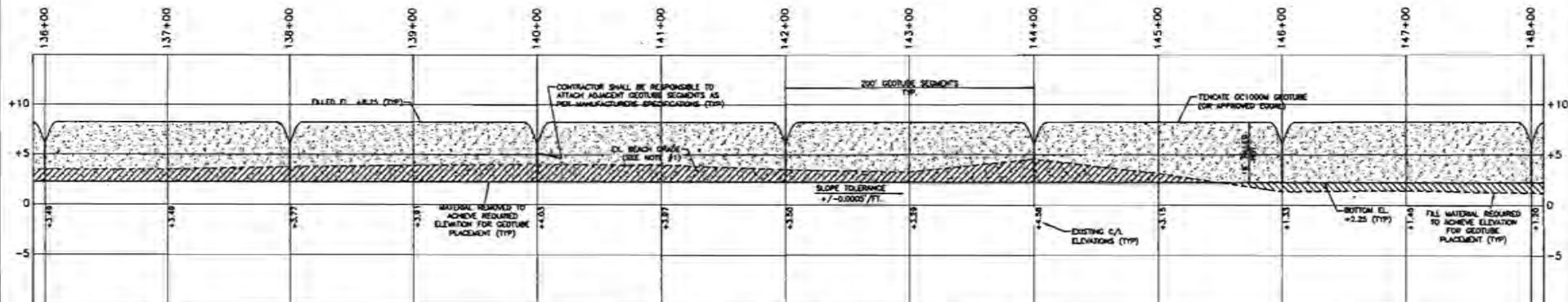
SHEET NO.

8 of 16



PLAN VIEW-STA. 136+00 TO STA. 148+00

SCALE: 1" = 40'-0"



CENTERLINE PROFILE-STA. 136+00 TO STA. 148+00

SCALE: HORIZ. 1" = 40'-0"  
VERT. 1" = 5'-0"

**GENERAL NOTES:**

- EXISTING BEACH GRADE AND SHORELINE WERE DERIVED FROM SURVEY BY PICCIOLA & ASSOCIATES, INC. CONDUCTED ON FEBRUARY 19, 2010. SITE CONDITIONS AT THE TIME OF CONSTRUCTION MAY VARY.
- FRONT AND REAR ANCHOR TUBES SHALL BE UTILIZED FROM STA. 100+00 TO STA. 134+00 AND STA. 148+00 TO STA. 150+00. ONLY THE REAR (NORTH) ANCHOR TUBE SHALL BE REQUIRED FROM STATION 134+00 TO STATION 148+00 ALONG THE EXISTING GEOTEXTURE.
- ACCESS ROUTES AND STAGING AREAS SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION UPON COMPLETION OF THE PROJECT. THIS WORK SHALL BE DONE AT NO DIRECT PAY.

**PRELIMINARY**

DRAWING PLOTTED  
AT HALF-SCALE

AA 02/9-2001

REVISIONS	
DATE	REVISION

STAMP

**PICCIOLA & ASSOCIATES, INC.**  
 CIVIL ENGINEERS  
 LAND SURVEYORS  
 P.A. NO. 187  
 CIV. ENG. LICENSE NO. 434-5384  
 DESIGNED BY: J.C.P. DRAWN BY: L.J.E. CHECKED BY: S.V.E.

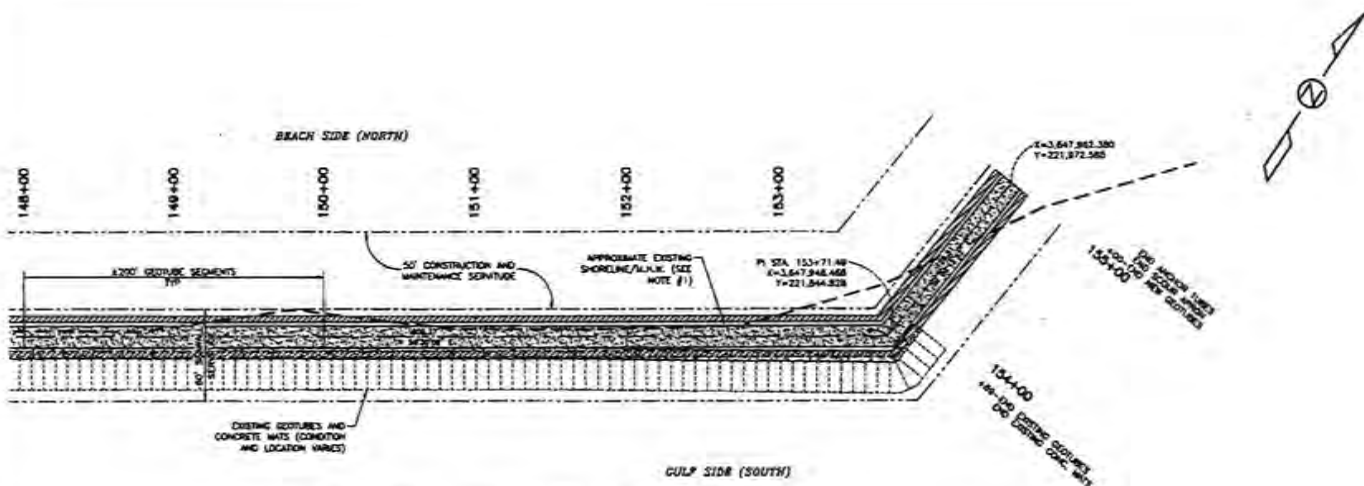
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SCALE:	AS SHOWN

<b>GREATER LAFOURCHE PORT COMMISSION</b>
EMERGENCY BEACH REHABILITATION-PHASE I
PLAN VIEW AND CENTER LINE PROFILE STA. 136+00 TO STA. 148+00
PORT TOWNCH, LA. LAFOURCHE PARISH

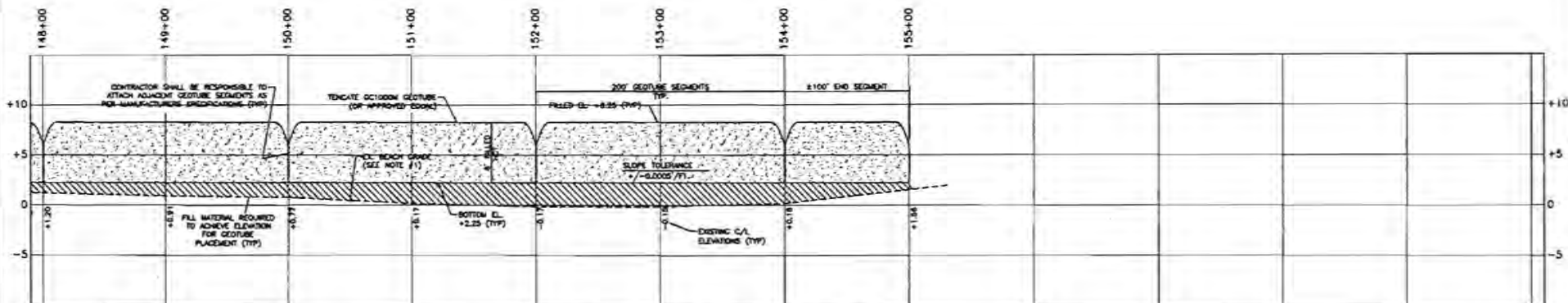
SHEET NO.	9 of 16
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PLAN VIEW-STA. 148+00 TO STA. 155+00  
SCALE: 1" = 40'-0"



CENTERLINE PROFILE-STA. 148+00 TO STA. 155+00  
SCALE: HORIZ. 1" = 40'-0"  
VERT. 1" = 5'-0"

**GENERAL NOTES:**

1. EXISTING BEACH GRADE AND SHORELINE WERE DERIVED FROM SURVEY BY PICCOLI & ASSOCIATES, INC. CONDUCTED ON FEBRUARY 18, 2010. SITE CONDITIONS AT THE TIME OF CONSTRUCTION MAY VARY.
2. FRONT AND REAR ANCHOR TUBES SHALL BE UTILIZED FROM STA. 150+00 TO STA. 154+00 AND STA. 148+00 TO STA. 150+00. ONLY THE REAR (NORTH) ANCHOR TUBE SHALL BE REQUIRED FROM STATION 154+00 TO STATION 148+00 ALONG THE EXISTING GEOTUBES.
3. ACCESS ROUTES AND STAGING AREAS SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION UPON COMPLETION OF THE PROJECT. THIS WORK SHALL BE DONE AT NO DIRECT PAY.

PRELIMINARY

DRAWING PLOTTED  
AT HALF-SCALE

EX. 5110-0002

REVISIONS:	
DATE	REVISION

DATE	REVISION

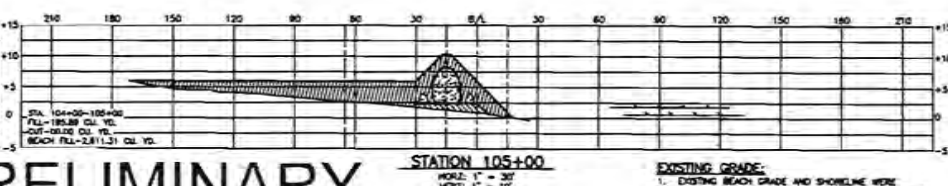
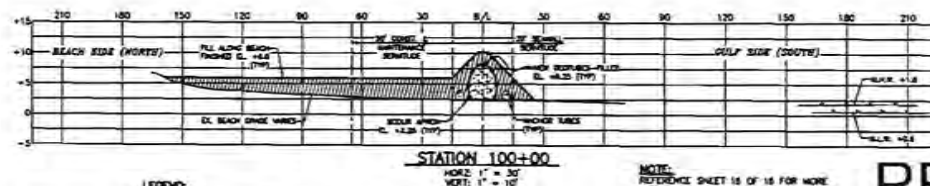
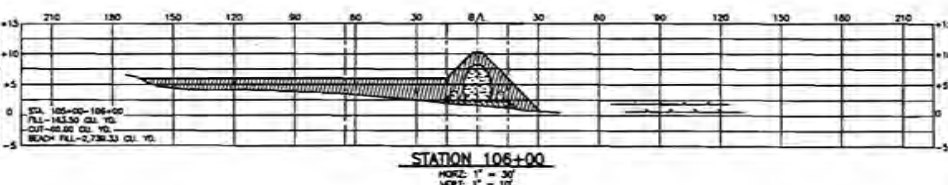
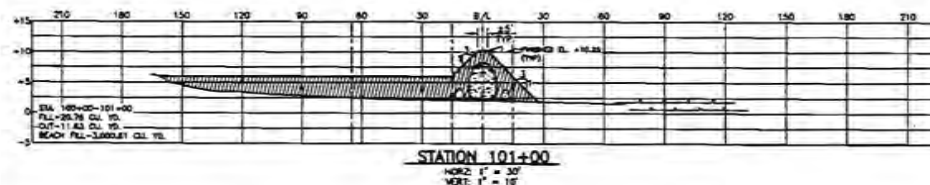
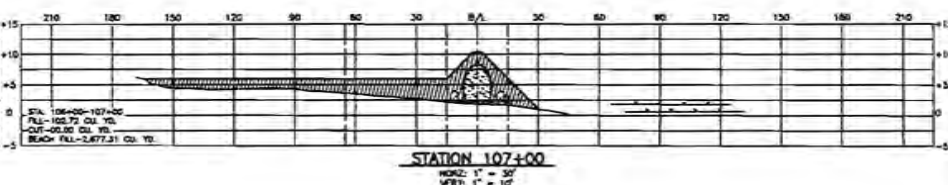
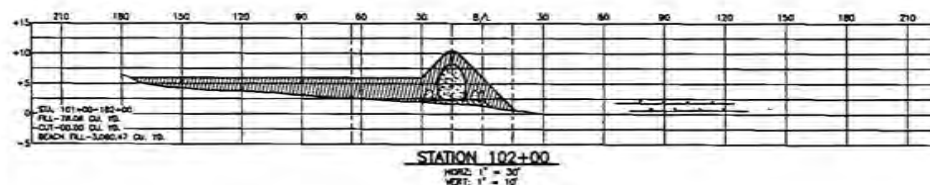
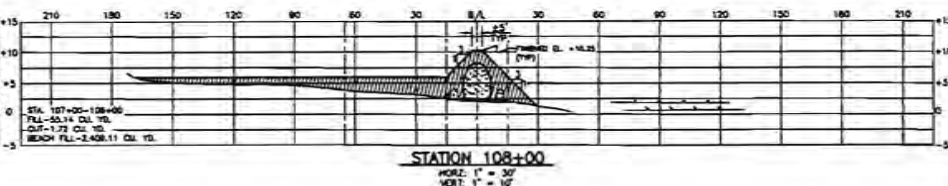
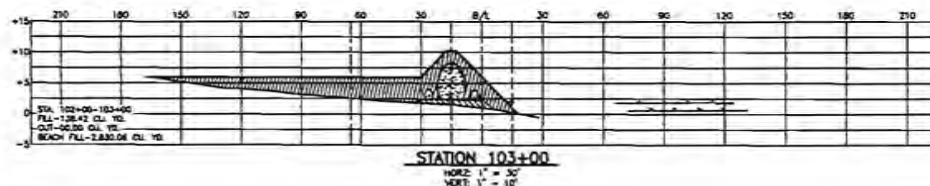
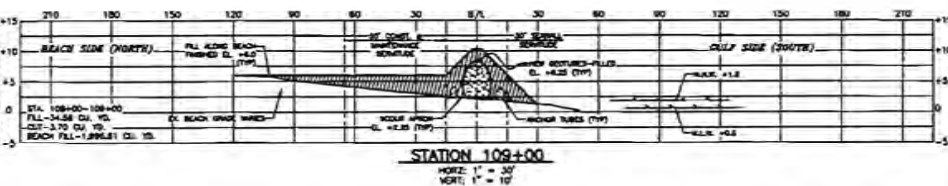
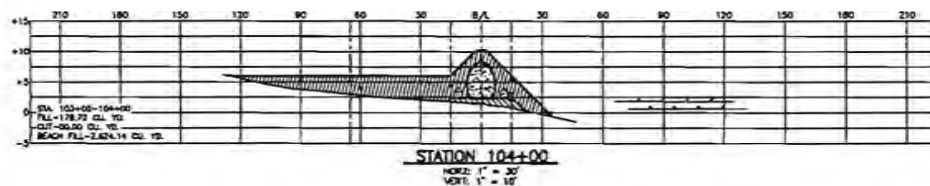
**PICCOLI & ASSOCIATES, INC.**  
CIVIL ENGINEERS  
LAND ARCHITECTS  
PLANNING  
P.O. BOX 487  
601 OFF. LOUISIANA ROAD  
(504) 832-5776

DESIGNED BY: J.C.P.  
DRAWN BY: L.C.E.  
CHECKED BY: M.V.E.

DATE:	MARCH 24, 2010
SCALE:	AS SHOWN

<b>GREATER LAFOURCHE PORT COMMISSION</b>
EMERGENCY BEACH REHABILITATION-PHASE I
PLAN VIEW AND CENTER LINE PROFILE STA. 148+00 TO STA. 155+00
PORT FOURCHON, LA. LAFOURCHE PARISH

SHEET NO.	10 OF 16
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**LEGEND:**  
PROPOSED BEACH GRADE AND SHORELINE WERE DERIVED FROM SURVEY BY PICCOLA & ASSOCIATES, INC. CONDUCTED ON FEBRUARY 19, 2010.

- NEW BEACH CONTOUR
- BEACH SPILL WITH MONITOR TUBES
- APPROX. MATERIAL TO BE REMOVED AND UTILIZED AS FILL MATERIAL (REF. TYPICAL SECTIONS SHEET 3 OF 10)
- APPROX. FILL MATERIALS (REF. TYPICAL SECTIONS SHEET 3 OF 10)
- APPROX. FILL ALONG BEACH

DRAWING PLOTTED AT HALF-SCALE

**NOTE:**  
REFERENCE SHEET 15 OF 15 FOR MORE INFORMATION ON CUT AND FILL VOLUMES SHOWN.

**PRELIMINARY**

**EXISTING GRADE:**  
1. EXISTING BEACH GRADE AND SHORELINE WERE DERIVED FROM SURVEY BY PICCOLA & ASSOCIATES, INC. CONDUCTED ON FEBRUARY 19, 2010. SITE CONDITIONS AT THE TIME OF CONSTRUCTION MAY VARY.

REVISIONS:	
DATE	REVISION

STAMP:	

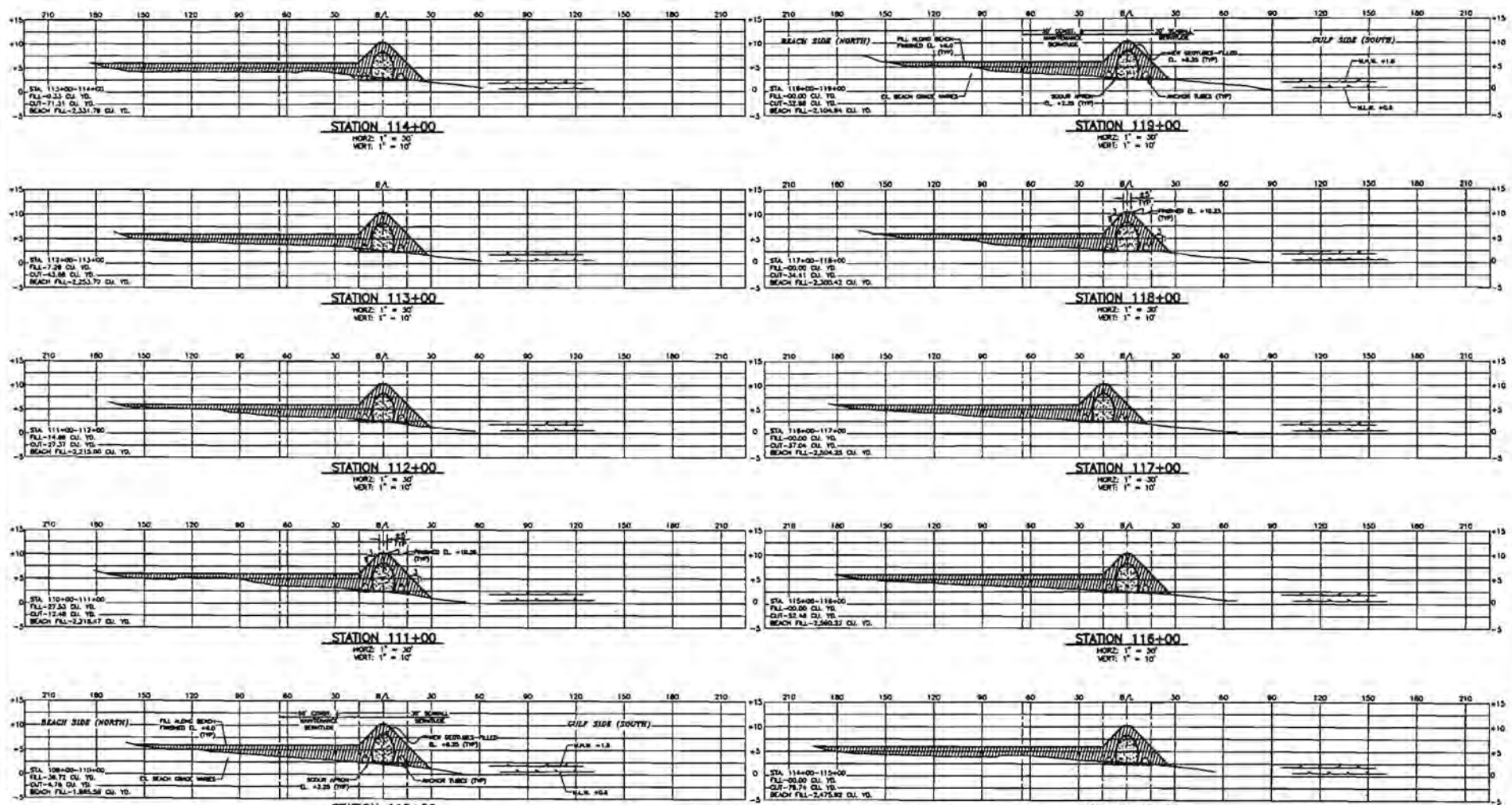
**PICCOLA & ASSOCIATES, INC.**  
CIVIL ENGINEERS  
LAND SURVEYORS  
P.O. BOX 887  
CUT OFF, LOUISIANA 70348  
(504) 432-0786

DESIGNED BY: J.C.P. DRAWN BY: L.J.Z. CHECKED BY: M.V.E.

DATE:	MARCH 24, 2010
SCALE:	AS SHOWN

GREATER LAFOURCHE PORT COMMISSION	
EMERGENCY BEACH RENOVATION-PHASE I	
BEACH CROSS SECTIONS- STA. 100+00 TO STA. 109+00	
PORT FOURCHON, LA	LAFOURCHE PARISH

SHEET NO.	11 of 18
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**LEGEND:**

- EXISTING BEACH PROFILE FROM SURVEY BY PICCIOLA & ASSOCIATES, INC. CONDUCTED ON FEBRUARY 18, 2010
- NEW BEACH PROFILE
- BEACH APRON WITH ANCHOR TUBES
- APPROX. MATERIAL TO BE REMOVED AND UTILIZED AS FILL MATERIAL (REF. TYPICAL SECTION SHEET 5 OF 16)
- APPROX. FILL MATERIAL (REF. TYPICAL SECTION SHEET 5 OF 16)
- APPROX. FILL BEACH

DRAWING PLOTTED  
AT HALF-SCALE

NOTE:  
REFERENCE SHEET 18 OF 18 FOR MORE  
INFORMATION ON CUT AND FILL VOLUMES  
SHOWN.

**PRELIMINARY**

REVISIONS	
DATE	REVISION

STAMP:



**PICCIOLA & ASSOCIATES, INC.**  
CIVIL ENGINEERS  
LAND SURVEYORS  
MARINE ENGINEERS

P.O. BOX 607  
CUT OFF, LOUISIANA 70308  
(504) 833-5788

DESIGNED BY: J.C.P.    DRAWN BY: L.E.C.    CHECKED BY: M.V.C.

DATE:  
MARCH 28, 2010

SCALE:  
AS SHOWN

**GREATER LAFOURCHE PORT COMMISSION**

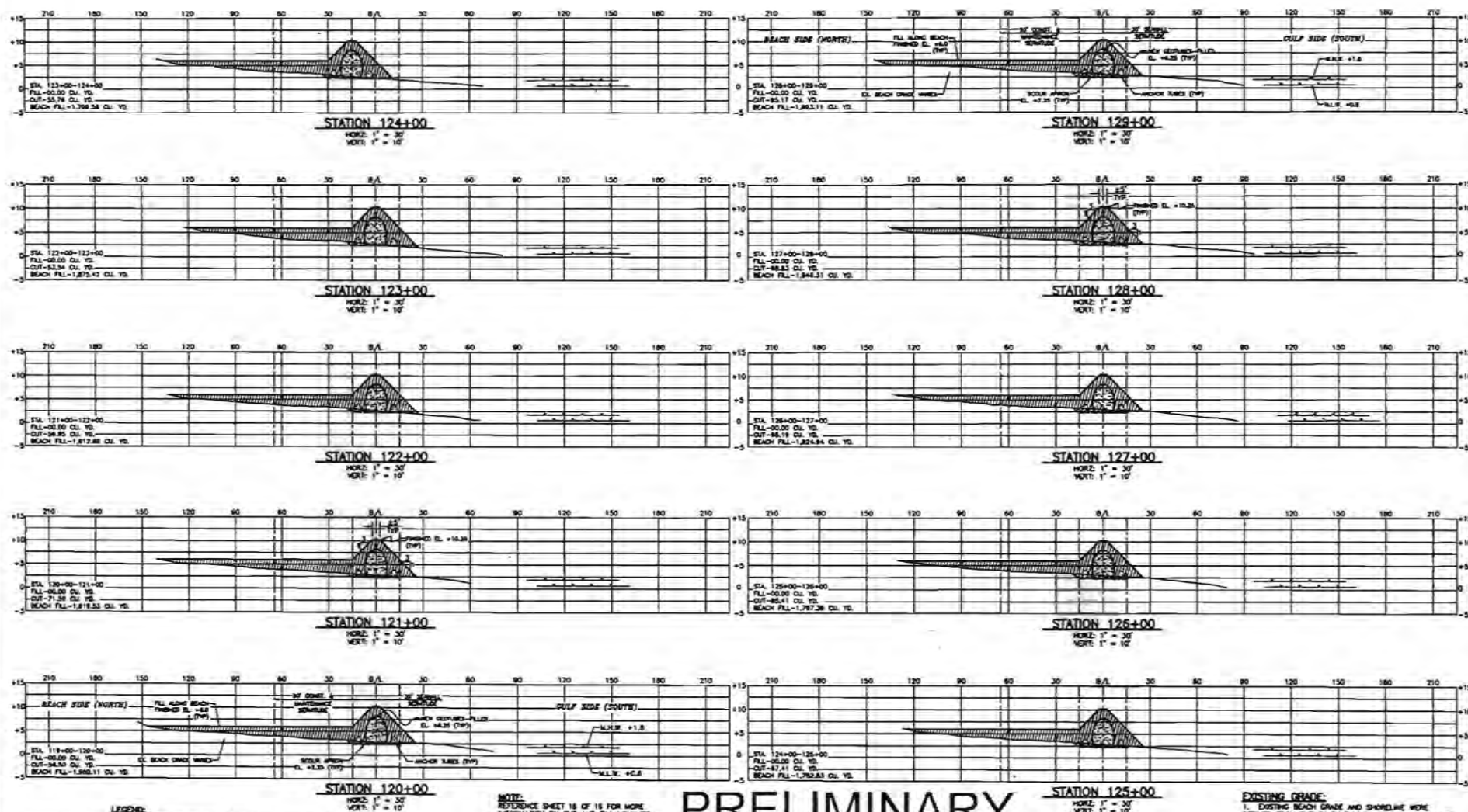
EMERGENCY BEACH RENOVATION—PHASE I  
BEACH CROSS SECTIONS— STA. 110+00 TO STA. 119+00

PORT FOURCHON, LA.    LAFOURCHE PARISH

SHEET NO.  
12 OF 16

EXISTING GRADE:  
1. EXISTING BEACH GRADE AND SHORELINE WERE  
DERIVED FROM SURVEY BY PICCIOLA & ASSOCIATES, INC.  
CONDUCTED ON FEBRUARY 18, 2010. SITE CONDITIONS  
AT THE TIME OF CONSTRUCTION MAY VARY.





#### LEGEND

- CROSS SECTIONS DERIVED FROM SURVEY BY PICCIOLA & ASSOCIATES, INC. CONDUCTED ON FEBRUARY 18, 2010
- KEY RESTRICTION CONTAINERS
- SCOUR APRON WITH ANCHOR TUBES
- APPROX. MATERIAL TO BE REMOVED AND UTILIZED AS FILL MATERIAL (NOT TYPICAL BEACH SHEET & OF 10)
- APPROX. FILL MATERIAL (NOT TYPICAL BEACH SHEET & OF 10)
- APPROX. FILL ALONG BEACH

DRAWING PLOTTED AT HALF-SCALE

NOTE:  
REFERENCE SHEET 18 OF 19 FOR MORE INFORMATION ON CUT AND FILL VOLUMES SHOWN.

# PRELIMINARY

#### EXISTING GRADE:

1. EXISTING BEACH GRADE AND SHORELINE MORE DERIVED FROM SURVEY BY PICCIOLA & ASSOCIATES, INC. CONDUCTED ON FEBRUARY 18, 2010. SITE CONDITIONS AT THE TIME OF CONSTRUCTION MAY VARY.

REVISIONS:	
DATE	REVISIONS

STAMP:



**PICCIOLA & ASSOCIATES, INC.**  
CIVIL ENGINEERS  
LAND SURVEYORS

P.O. BOX 467  
ONE OFF LAFOURCHE ROAD  
CHANDLER, LA 70520

DATE:  
MARCH 24, 2010

SCALE:  
AS SHOWN

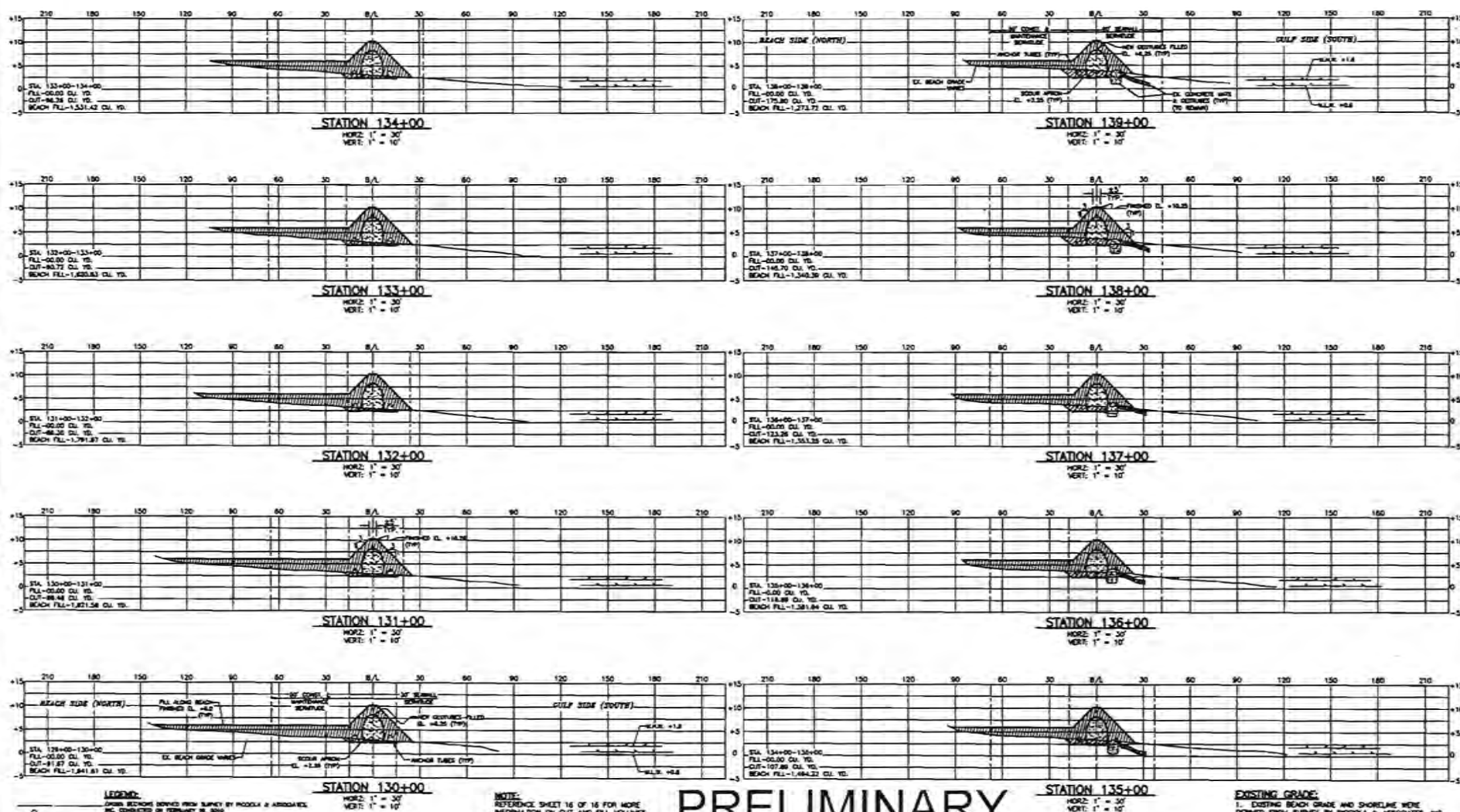
**GREATER LAFOURCHE PORT COMMISSION**

EMERGENCY BEACH REHABILITATION-PHASE I  
BEACH CROSS SECTIONS- STA. 120+00 TO STA. 129+00

PORT FOURCHON, LA LAFOURCHE PARISH

SHEET NO.

13 of 16



#### LEGEND:

- EXISTING BEACHES DERIVED FROM SURVEY BY PICCIOLA & ASSOCIATES, INC. CONDUCTED ON FEBRUARY 18, 2010
- APPROXIMATE EXISTING GEOTEXTURE & CONCRETE BARS
- NEW GEOTEXTURE CONTAINERS
- SCOUR APRON WITH ANCHOR TUBES
- APPROX. MATERIAL TO BE REMOVED AND UTILIZED AS FILL MATERIAL (TYP.) TYPICAL SECTION SHEET 8 OF 16
- APPROX. FILL MATERIAL (DEF. TYPICAL SECTION SHEET 5 OF 16)
- APPROX. FILL ALONG BEACH

#### NOTE:

REFERENCE SHEET 16 OF 16 FOR MORE INFORMATION ON CUT AND FILL VOLUMES SHOWN.

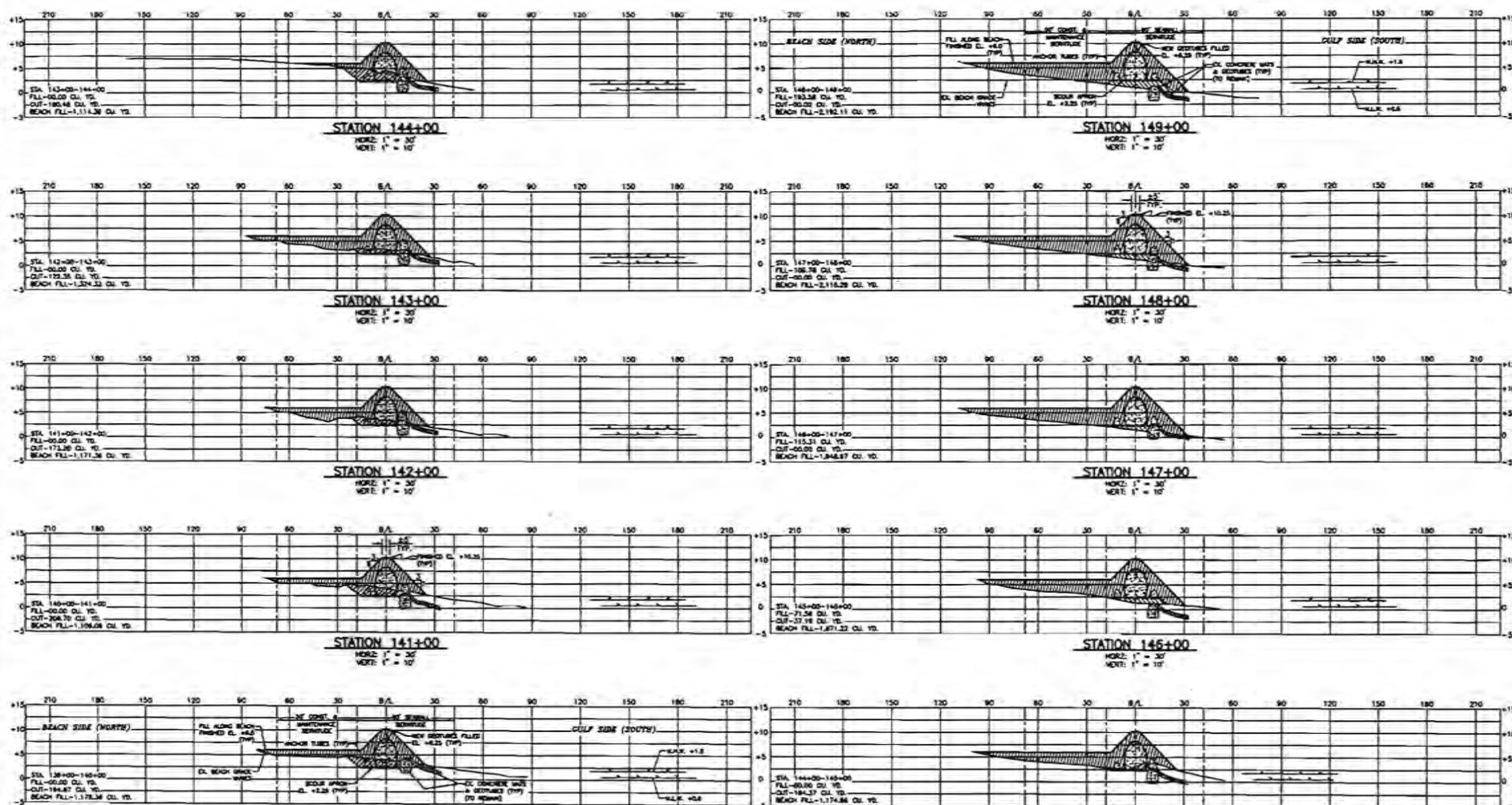
# PRELIMINARY

#### EXISTING GRADE:

1. EXISTING BEACH GRADE AND SHORELINE WERE DERIVED FROM SURVEY BY PICCIOLA & ASSOCIATES, INC. CONDUCTED ON FEBRUARY 18, 2010. SITE CONDITIONS AT THE TIME OF CONSTRUCTION MAY VARY.

<p>PICCIOLA &amp; ASSOCIATES, INC. CIVIL ENGINEERS LAND SURVEYORS P.O. BOX 887 OUT OF LOUISIANA 70348 (504) 437-5700</p>	<p>DATE: MARCH 24, 2010</p> <p>SCALE: AS SHOWN</p>	<p>PROJECT: GREATER LAFOURCHE PORT COMMISSION</p> <p>PHASE: EMERGENCY BEACH REHABILITATION-PHASE 1</p> <p>SECTION: BEACH CROSS SECTIONS- STA. 130+00 TO STA. 134+00</p> <p>LOCATION: PORT FOURCHEN, LA</p>	<p>SHEET NO. 14 OF 16</p>					
				<p>REVISIONS:</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>REVISION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	DATE	REVISION		
DATE	REVISION							

DRAWING PLOTTED AT HALF-SCALE



**LEGEND:**

- CROSS SECTION DERIVED FROM SURVEY BY PICCOLA & ASSOCIATES, INC. CONDUCTED ON FEBRUARY 18, 2010
- APPROXIMATE EXISTING SHORELINE & CONCRETE WALLS
- NEW CONCRETE STRUCTURES
- DUNE AREA WITH ANCHOR TUBES
- PROPOSED MATERIAL TO BE REMOVED AND UTILIZED AS FILL MATERIAL (NOT PHYSICAL SECTIONS SHEET 3 OF 10)
- PROPOSED FILL MATERIAL (NOT PHYSICAL SECTIONS SHEET 3 OF 10)
- PROPOSED FILL ALONG BEACH

**STATION 140+00**

HORIZ: 1" = 30'  
VERT: 1" = 10'

**NOTE:**  
REFERENCE SHEET 15 OF 16 FOR MORE INFORMATION ON CUT AND FILL VOLUMES SHOWN.

**PRELIMINARY**

**STATION 145+00**

HORIZ: 1" = 30'  
VERT: 1" = 10'

**EXISTING GRADE:**

1. EXISTING BEACH GRADE AND SHORELINE WERE DERIVED FROM SURVEY BY PICCOLA & ASSOCIATES, INC. CONDUCTED ON FEBRUARY 18, 2010. SITE CONDITIONS AT THE TIME OF CONSTRUCTION MAY VARY.

REVISIONS:	
DATE:	REVISION:

STAMP:

**PICCOLA & ASSOCIATES, INC.**  
CIVIL ENGINEERS  
LANDSCAPE ARCHITECTS  
P.O. BOX 180  
CUT OFF, LOUISIANA 70546  
(504) 832-5788

DESIGNED BY: J.C.P.  
DRAWN BY: L.J.E.  
CHECKED BY: M.V.C.

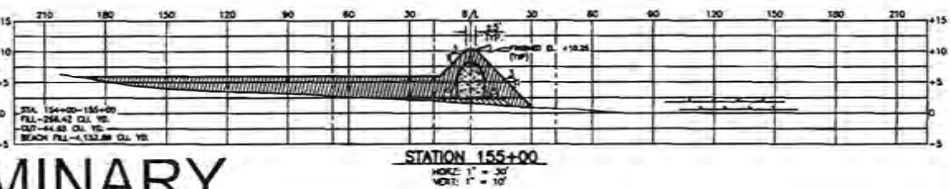
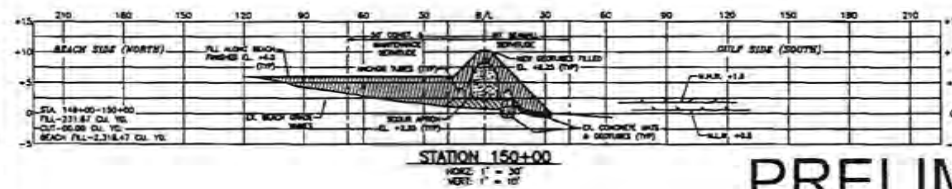
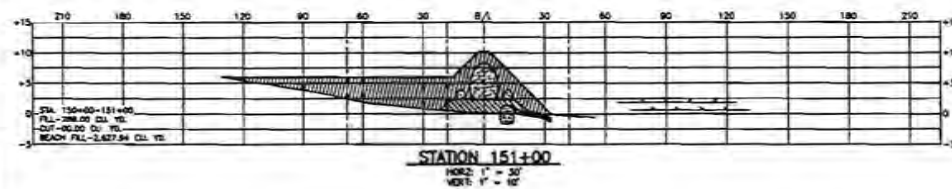
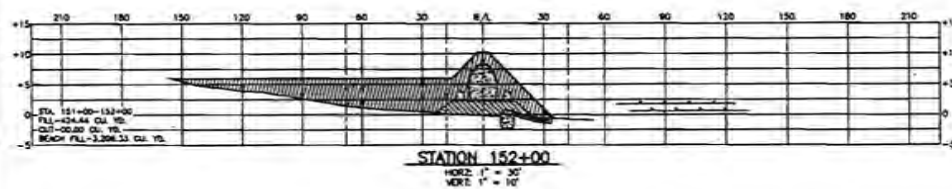
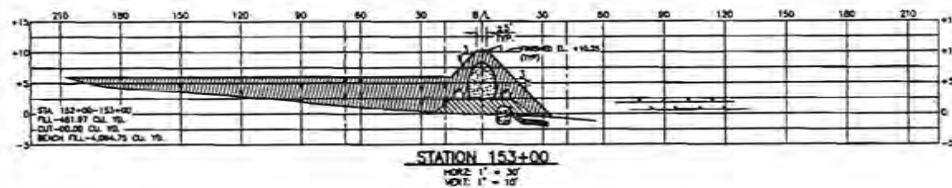
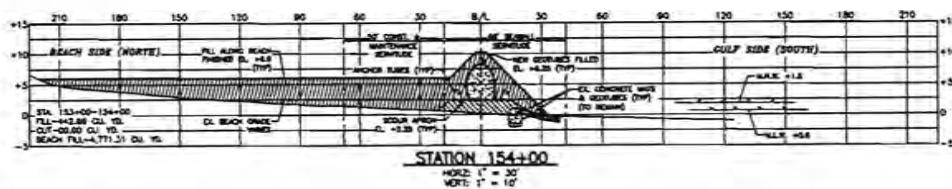
DATE:  
MARCH 24, 2010

SCALE:  
AS SHOWN

**GREATER LAFOURCHE PORT COMMISSION**

EMERGENCY BEACH RENOVATION-PHASE I  
BEACH CROSS SECTIONS- STA. 140+00 TO STA. 149+00  
PORT FOURCHON, LA. LAFOURCHE PARISH

SHEET NO.  
**15 of 16**



# NOTES:

1. "FILL" VOLUMES INDICATE APPROXIMATE CUBIC YARDAGE OF FILL MATERIAL REQUIRED BETWEEN EACH STATION TO ACHIEVE PROPER ELEVATION FOR GEOTUBE PLACEMENT. VOLUMES ARE APPROXIMATE.
2. "CUT" VOLUMES INDICATE APPROXIMATE CUBIC YARDAGE OF MATERIAL TO BE REMOVED BETWEEN EACH STATION TO ACHIEVE PROPER ELEVATION FOR GEOTUBE PLACEMENT. VOLUMES ARE APPROXIMATE.
3. "BEACH FILL" VOLUMES INDICATE APPROXIMATE CUBIC YARDAGE OF FILL MATERIAL REQUIRED TO ACHIEVE DESIGN GRADE SHOWN ON THE CROSS SECTIONS. VOLUMES ARE APPROXIMATE.

# POSTING GRADE:

1. EXISTING BEACH GRADE AND SHORELINE WERE DERIVED FROM SURVEY BY PICCOLI & ASSOCIATES, INC. CONDUCTED ON FEBRUARY 18, 2010. SITE CONDITIONS AT THE TIME OF CONSTRUCTION MAY VARY.

# LEGEND:

- CROSS SECTIONS DERIVED FROM SURVEY BY PICCOLI & ASSOCIATES, INC. CONDUCTED ON FEBRUARY 18, 2010.
- APPROXIMATE EXISTING GEOTUBES & CONCRETE WALK
- NEW GEOTUBE CONTINUOUS
- BEACH FILL WITH MOOR TUBES
- APPROX. MATERIAL TO BE REMOVED AND UTILIZED AS FILL MATERIAL (NOT TYPICAL SECTION SHEET 8 OF 16)
- APPROX. FILL MATERIAL (NOT TYPICAL SECTION SHEET 8 OF 16)
- APPROX. FILL ALONG BEACH

PRELIMINARY

REVISIONS:		STAMP
DATE	REVISION	

DRAWING PLOTTED AT HALF-SCALE



PICCOLI & ASSOCIATES, INC.  
CITY ENGINEERS  
LAKE CHARLOTTE, FLORIDA

P.O. BOX 687  
CITY OF LAKE CHARLOTTE, FLORIDA 34602-0687  
DESIGNED BY: J.C.P. DRAWN BY: L.A.C. CHECKED BY: M.V.G.

DATE:  
MARCH 24, 2010

SCALE:  
AS SHOWN

GREATER LAFOURCHIE PORT COMMISSION

EMERGENCY BEACH RESTORATION-PHASE 1  
BEACH CROSS SECTIONS- STA. 150+00 TO STA. 155+00  
PORT FOURCROIX, LA. LAFOURCHIE PARISH

SHEET NO.

16 of 16

**Appendix F**  
**Draft Finding of No Significant Impact**  
**(Draft FONSI)**



**FEMA**

**DRAFT FINDING OF NO SIGNIFICANT IMPACT  
FOURCHON BEACH SHORELINE PROTECTION  
LAFOURCHE PARISH, LOUISIANA  
*FEMA-1603-DR-LA***

**Introduction**

Hurricane Katrina, a strong hurricane with high wind and a destructive storm surge, made landfall and caused catastrophic damage within the parishes of Louisiana. As a result of damages from Hurricane Katrina, the Federal Emergency Management Agency (FEMA) was authorized under Presidential disaster declaration FEMA-1603-DR-LA to provide federal assistance to designated disaster areas in Louisiana. The Robert T. Stafford Disaster Relief and Emergency Assistance Act (PL 93288) Section 406 authorizes FEMA's Public Assistance (PA) Program to provide financial and other forms of assistance to State and local governments to support response, recovery, and mitigation efforts following Presidentially declared disasters.

The Greater Lafourche Port Commission (GLPC) has submitted an application for Federal Emergency Management Agency (FEMA) grant funding under FEMA's Public Assistance Program being administered in response to FEMA-1603-DR-LA. The Fourchon Beach shoreline was substantially damaged by winds and coastal flooding from Hurricanes Katrina and Ike, and was deemed eligible for grant funding to replace the facility to pre-disaster condition. The applicant proposes to construct and install a Geotube System that will consist of placing pre-fabricated geo-synthetic tubes filled with sand that will be located directly behind and on the same alignment as the existing damaged "boudin bags", along the 5,500 linear feet of damaged beach in Lafourche Parish, Louisiana.

In accordance with 44 CFR Part 10, FEMA regulations to implement the National Environmental Policy Act (NEPA), an Environmental Assessment (EA) was prepared. The purpose of this EA was to analyze the potential environmental impacts associated with the construction and installation of a Geotube System, and to determine whether to prepare an Environmental Impact Statement (EIS) or a Finding of No Significant Impact (FONSI).



## **Findings**

The above described action would not result in any significant adverse impacts related to geology, soils, hydrology, floodplains, wetlands, water quality, air quality, vegetation, wildlife, state and federally listed threatened and endangered species, cultural resources, socioeconomics (including minority and low income populations), safety, security, noise, hazardous materials, toxic wastes, or transportation. Based on the information analyzed, FEMA has determined that the implementation of the proposed action would not result in significant adverse impacts to the quality of the natural and human environment. This coastal restoration project may have short term impacts to resources such as wetlands, essential fish habitat, nesting shore bird critical habitat and marine fisheries during its construction phase. Longer term and cumulative impacts to the natural resources and socio-economics from the proposed action are anticipated but unknown at this time. As a result of this FONSI, an EIS will not be prepared (44 CFR Part 10) and the proposed action as described in the EA may proceed.

## **Conditions And Mitigation Measures**

Based upon the studies and consultations undertaken in this EA, several conditions must be met and mitigation measures must be taken by the applicant prior to and during project implementation.

- FEMA Public Assistance grant funded projects carried out in the floodplain or affecting the floodplain must be coordinated with the local floodplain administrator for a floodplain development permit and the action must be undertaken in compliance with relevant, applicable, and required local codes and standards. Thereby, this will reduce the risk of future flood loss, minimize the impacts of floods on safety, health, and welfare, and preserve and possibly restore beneficial floodplain values as required by Executive Order 11988.
- Any fill or borrow material used must be sourced from areas that do not contain any buried or submerged cultural materials (e.g. brick foundations, prehistoric Indian artifacts, human burials, and the like).
- If human bone or unmarked grave(s) are present with the project area, compliance with the Louisiana Unmarked Human Burial Sites Preservation Act (R.S. 8:671 et seq.) is required. The applicant shall notify the law enforcement agency of the jurisdiction where the remains are located within twenty-four hours of the discovery. The applicant shall also notify FEMA and the Louisiana Division of Archaeology at 225-342-8170 within seventy-two hours of the discovery.
- If during the course of work, archaeological artifacts (prehistoric or historic) are discovered, the applicant shall stop work in the vicinity of the discovery and take all reasonable measures to avoid or minimize harm to the finds. The applicant shall inform their Public Assistance (PA) contacts at FEMA, who will in turn

contact FEMA Historic Preservation (HP) staff. The applicant will not proceed with work until FEMA HP completes consultation with the SHPO.

- In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Act of 1978, as amended, the grant applicant must agree to the terms and conditions of the Coastal Use Permit and remain in compliance.
- Department of the Army Permit No. MVN 2009-1247 WB and LDNR Office of Coastal Management Joint Coastal Use Permit No. P20090468, Extended, authorize the performance of the work in accordance with its specified terms and conditions. This work must be conducted in compliance with all terms and conditions and must remain in compliance. Additionally, the work must be completed within the time limit established within the issued permits and the applicant must submit a request for a time extension, if needed.
- The applicant must follow all applicable local, state, and federal laws, regulations, and requirements and obtain and comply with all required permits and approvals prior to initiating work.
- To minimize air quality impacts, GLPC and its contractors must implement BMPs to limit air emissions, fugitive dust and exhaust. BMPs would include maintaining and covering spoil piles, covering the loads of haul vehicles and keeping construction equipment properly tuned.
- GLPC and its contractors must ensure all project activities are conducted in a safe manner and in compliance with all state and federal occupational safety regulations, including OSHA, to protect workers and the general public.
- Project construction would involve the use of potentially hazardous materials (*e.g.*, petroleum products, cement, caustics, acids, solvents, paint, electronic components, pesticides, herbicides, fertilizers, treated timber) and may result in the generation of small volumes of hazardous wastes. Appropriate measures to prevent, minimize, and control spills of hazardous materials must be taken and generated hazardous and non-hazardous wastes are required to be disposed in accordance with applicable federal, state and local regulations.
- If any solid or hazardous wastes, or soils and/or groundwater contaminated with hazardous constituents are encountered during the project, notification to the Louisiana Department of Environmental Quality's (LDEQ) Single-Point-of-Contact at (225) 219-3640 is required. Additionally, precautions should be taken to protect workers from these hazardous conditions.



- Project activities will be required by the LDEQ to observe precautions to control nonpoint source pollution from construction activities and further, will be required to obtain permits implement the required conditions.
- The U.S. Fish and Wildlife Service (USFWS) notes that the proposed work should not take place within 650 feet of nesting shorebirds during the nesting season (April 1 to September 15) in areas likely to support nesting shorebirds. The Louisiana Department of Wildlife and Fisheries (LDWF) prohibits the entry into or disturbance of active breeding colonies, as well as work within a certain radius of an active nesting colony. If work for the proposed project will commence during the nesting season, a field visit must be conducted to the worksite to look for evidence of nesting colonies; this field visit should take place no more than two weeks before the project begins. If no nesting colonies are found within 400 meters (700 meters for brown pelicans) of the proposed project, no further consultation with LDWR will be necessary. If active nesting colonies are found within the previously stated distances of the proposed project, further consultation with LDWF will be required. Colonies should be surveyed by a qualified biologist to document species present and extent of colonies and a survey report prepared for submittal to LDWF.
- For colonies containing nesting wading birds (i.e., herons, egrets, night-herons, ibis, roseate spoonbills, anhingas, and/or cormorants), all project activity occurring within 300 meters of an active nesting colony should be restricted to the non-nesting period (i.e., September 1 through February 15).
- For colonies containing nesting gulls, terns, and/or black skimmers, all project activity occurring within 400 meters (700 meters for brown pelicans) of an active nesting colony should be restricted to the non-nesting period (i.e., September 16 through April 1).

**Approvals:**

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Katherine Zeringue, Environmental Liaison Officer  
Louisiana Recovery Office  
FEMA-1603/1607-DR-LA

Date

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Andre Cadogan, Deputy Director for Operations  
Louisiana Recovery Office  
FEMA-1603/1607-DR-LA

Date